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USAFETAC/DS-90/231

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# SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

## KODIAK AK

Prepared by

OL-A, USAFETAC  
ASHEVILLE, NORTH CAROLINA  
28801-2723



## SEPTEMBER 1990

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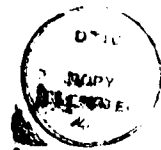
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- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
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#### PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCs (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCs NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCs." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.



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\*\*\* NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS \*\*\*

## INTRODUCTION

### STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: JAN 80 - DEC 89 (AIRWAYS).

SUMMARY OF DAY DATA: JAN 49 - DEC 89 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

### TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREZZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

\* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE DATA COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY INDIVIDUAL AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY 703500	STATION NAME KODIAK, ALASKA	LATITUDE N 57 45	LONGITUDE W 152 30	FLD ELEV (FT) 73	CALL SIGN ADQ/PADQ	WMO NMBR 70350
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STATION LOCATION AND INSTRUMENTATION HISTORY									
Nmr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Kodiak, Alaska	USN	Jan 42	Jul 69	N 57 45	W 152 30	105	112	24
2	Same	Same	Aug 69	Jan 73	Same	W 152 31	71	111	24
3	Same	WSO	Feb 73	Jan 83	Same	W 152 30	Same	Same	24
4	Same	Same	Feb 83	DEC 89	Same	Same	73	112	24

Nmr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 42	2nd floor of BaseOps	Anemometer	None	94 ft	
2	Aug 58	Hangar number 3	AN/UMQ-5C	RD-108	60 ft	
3	Aug 69	Same	Selsyn	N/A	112 ft	
4	Feb 73	Between runways 25 and 28	AN/UMQ-5C	RD-108	60 ft	
5	May 73	Same	F420	F312	22 ft	
6	Oct 83	Same	Same	Same	33 ft	
7	Jun 89	Same	F420C	Same	Same	

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

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PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		29.1		13.1		42.2	10.9		2.0		55.1	896
03-05		30.3	.1	13.7		44.1	11.8		2.4	.1	58.4	925
06-08		31.0	.1	13.7		44.8	14.2		1.4		60.5	913
09-11		28.1		11.7		39.8	14.5		1.7		56.1	917
12-14		30.2		13.5		43.7	15.4		1.1		60.2	908
15-17		30.4		15.3		45.7	16.1		1.6		63.4	901
18-20		28.5		13.9		42.4	15.2		2.2		59.8	915
21-23		28.8		14.6		43.4	12.1		2.6		58.1	919
ALL HOURS		29.6	.0	13.7		43.3	13.8		1.9	.0	58.9	7294

MONTH: FEB

00-02		24.4		14.4		38.8	9.7		1.1		49.6	833
03-05		21.5		15.5		37.0	8.1		.6		45.7	838
06-08		22.6		14.7		37.3	7.5		.5		45.2	842
09-11		22.6		16.4		38.9	10.0		.4		49.3	837
12-14		21.6		16.0		37.6	9.4		.5		47.5	830
15-17		23.5		15.1		38.6	11.9		.9		51.4	843
18-20		24.9		11.9		36.8	12.0		.6		49.4	834
21-23		23.0		13.8		36.8	10.6		1.1		48.5	840
ALL HOURS		23.0		14.7		37.7	9.9		.7		48.3	6697

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		26.3		9.3		35.6	9.0		.3		45.0	896
03-05		25.3		9.8		35.1	7.8		.5		43.5	918
06-08		25.1		11.8		37.0	8.0		.9		45.8	903
09-11		27.6		14.4		42.0	10.3		.8		53.1	919
12-14		25.4		11.6		37.0	9.6		.6		47.2	905
15-17		26.2		9.5		35.7	10.0		.7		46.3	913
18-20		27.3		6.5		33.7	12.5		.4		46.6	899
21-23		27.5		10.0		37.5	11.6		.4		49.6	912
ALL HOURS		26.3		10.4		36.7	9.9		.6		47.1	7265

MONTH: APR

00-02		19.5		10.6		30.2	4.0		1.3		35.4	875
03-05		18.9		11.4		30.3	3.9		1.7		35.9	894
06-08		20.6		12.8		33.4	6.1		.8	.1	40.3	890
09-11		19.1		12.2		31.3	4.9		.2	.1	36.5	886
12-14		22.3		11.6		33.9	4.2		.5		38.6	887
15-17		24.6		12.8		37.4	4.8		.9		43.0	883
18-20		21.3		12.0		33.4	4.3		.8		38.5	881
21-23		22.0		10.2		32.2	4.7		1.2		38.2	890
ALL HOURS		21.0		11.7		32.8	4.6		.9	.0	38.3	7086

A - 2 - 2

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		29.8		.4		30.3	10.3				40.6	905
03-05		31.0		1.0		32.0	12.6				44.6	917
06-08		30.4		1.3		31.7	12.5				44.2	899
09-11		29.0		1.5		30.6	10.0	.1			40.7	909
12-14		30.5		1.7		32.2	10.6				42.8	904
15-17		29.7		.3		30.0	11.0				41.0	912
18-20		28.1		.7		28.7	10.8				39.5	908
21-23		28.8		.3		29.1	11.9	.2			41.3	921
ALL HOURS		29.7		.9		30.6	11.2	.0			41.8	7275

MONTH: JUN

00-02		33.1				33.1	15.0				48.1	875
03-05		37.0				37.0	16.4				53.5	888
06-08		36.0				36.0	15.1				51.1	887
09-11		35.0				35.0	15.1				50.1	883
12-14		33.6				33.6	13.9	.2			47.7	882
15-17		30.1				30.1	14.1	.1			44.3	880
18-20		30.2				30.2	13.6	.2			44.0	881
21-23		29.7				29.7	15.2				44.9	881
ALL HOURS		33.1				33.1	14.8	.1			48.0	7057

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		23.3				23.3	11.7				35.0	901
03-05		21.3				21.3	12.1				33.3	912
06-08		21.7				21.7	15.3				37.0	909
09-11		18.6				18.6	11.5				30.1	913
12-14		16.6				16.6	10.9				27.4	900
15-17		17.9				17.9	9.6				27.5	912
18-20		17.6				17.6	9.5				27.1	905
21-23		19.9				19.9	10.2				30.1	914
ALL HOURS		19.6				19.6	11.3				30.9	7266

MONTH: AUG

00-02		18.0				18.0	11.6				29.6	912
03-05		20.8				20.8	13.7				34.5	912
06-08		19.4				19.4	13.5				32.9	906
09-11		19.1				19.1	13.5	.1			32.6	907
12-14		17.0				17.0	10.5				27.6	892
15-17		19.0				19.0	7.8				26.8	915
18-20		19.8				19.8	9.7				29.5	909
21-23		18.2				18.2	11.2				29.4	908
ALL HOURS		18.9				18.9	11.4	.0			30.4	7261

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		24.7				24.7	10.5				35.2	878
03-05		25.6				25.6	10.0				35.6	888
06-08		26.0				26.0	11.1				37.1	882
09-11		25.1				25.1	10.5				35.6	880
12-14		21.6				21.6	9.2				30.8	870
15-17		26.1				26.1	9.6				35.7	885
18-20		23.6				23.6	10.2				33.8	881
21-23		22.2				22.2	9.9				32.1	882
ALL HOURS		24.4				24.4	10.1				34.5	7046

MONTH: OCT

00-02		17.9		2.3		20.2	6.2		.2		26.6	907
03-05		22.2		2.2		24.4	5.9		.4		30.8	917
06-08		20.8		3.3		24.1	6.3		.5		31.0	914
09-11		23.6		2.4		26.0	7.1	.4	.1		33.7	903
12-14		23.2		2.6		25.8	6.3	.3			32.4	896
15-17		23.4		2.5		25.9	8.5	.1	.2		34.7	916
18-20		22.6		2.3		24.9	8.6	.2	.3		34.1	907
21-23		20.1		2.7		22.8	6.6	.3	.7		30.4	915
ALL HOURS		21.7		2.5		24.3	6.9	.2	.3		31.7	7275

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		23.8		7.1		31.0	10.4	.1	.1		41.6	868
03-05		22.7		7.9		30.6	9.7		.1		40.4	888
06-08		23.4		10.4		33.8	7.9				41.7	868
09-11		25.2		10.7		36.0	9.7		.6		46.3	884
12-14		24.9		9.7		34.6	11.8		.6		46.9	865
15-17		26.3		10.2		36.5	11.1		.6		48.2	880
18-20		23.2		7.7		30.8	8.0		.2		39.1	872
21-23		23.4		5.9		29.3	8.2		.2		37.8	876
ALL HOURS		24.1		8.7		32.8	9.6	.0	.3		42.8	7001

MONTH: DEC

00-02		25.9	.1	6.8		32.9	11.0		1.0		44.9	898
03-05		28.0		7.6		35.7	10.3		1.1		47.0	917
06-08		28.8	.4	8.3		37.6	12.2		1.3		51.0	913
09-11		31.8	.1	10.1		42.0	14.8		.9		57.7	907
12-14		30.7	.1	8.7		39.5	16.0		1.0		56.5	901
15-17		31.1	.3	8.5		39.9	16.5		.7		57.1	904
18-20		31.8		8.0		39.8	16.0		.7		56.5	899
21-23		29.4	.1	6.9		36.4	12.8		.9		50.1	913
ALL HOURS		29.7	.2	8.1		38.0	13.7		.9		52.6	7252

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		29.6	.0	13.7		43.3	13.8		1.9	.0	58.9	7294
FEB		23.0		14.7		37.7	9.9		.7		48.3	6697
MAR		26.3		10.4		36.7	9.9		.6		47.1	7265
APR		21.0		11.7		32.8	4.6		.9	.0	38.3	7086
MAY		29.7		.9		30.6	11.2	.0			41.8	7275
JUN		33.1				33.1	14.8	.1			48.0	7057
JUL		19.6				19.6	11.3				30.9	7266
AUG		18.9				18.9	11.4	.0			30.4	7261
SEP		24.4				24.4	10.1				34.5	7046
OCT		21.7		2.5		24.3	6.9	.2	.3		31.7	7275
NOV		24.1		8.7		32.8	9.6	.0	.3		42.8	7001
DEC		29.7	.2	8.1		38.0	13.7		.9		52.6	7252
ANNUAL		25.1	.0	5.8		31.0	10.6	.0	.5	.0	42.1	85775

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912

MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		47.3	.5	52.2		75.6	33.3		9.4		76.6	1271
FEB		46.2	.6	59.4		75.7	31.4		8.5		76.9	1157
MAR	.1	46.1	.6	57.0	.2	74.0	27.4	.2	7.9		75.0	1271
APR		52.3	.1	46.7		71.1	22.9	.2	2.7		71.4	1230
MAY	.1	71.3		11.2	.2	73.3	36.3	.2	.2		74.6	1271
JUN	.2	67.3		.2		67.3	45.8	.6			71.0	1230
JUL	.1	65.0			.1	65.0	44.8	.5			69.9	1271
AUG	.2	62.3				62.3	42.0	.6			67.1	1270
SEP		69.2		.9	.1	69.6	37.1	.1			70.9	1229
OCT		62.0	.1	18.2	.6	69.2	26.2	.6	.9		69.7	1271
NOV		57.0	.1	40.5	.2	75.3	26.7	.3	3.1		75.6	1229
DEC	.2	49.3	1.4	53.6	.3	76.2	30.1	.3	6.7		76.8	1271
ANNUAL	.1	58.0	.3	28.1	.1	71.2	33.7	.3	3.3		72.9	14971

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

.....	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	.....
HOURS													
(LST)													
00-02													
03-05													
06-08													
09-11													
12-14													
15-17													
18-20													
21-23													
ALL													
HOURS													
.....													
TOTAL													
OBS	7294	6697	7265	7086	7275	7057	7266	7261	7046	7275	7001	7252	
.....													

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP	1.1		22.8	44.4	14.5	2.9	14.2	2441
FREEZING PRECIP							100.0	2
FROZEN PRECIP	1.9		13.8	9.7	4.7	8.7	61.2	1030
FOG	1.2		24.5	46.7	12.6	3.2	11.8	1006
FOG WITH VIS GE 1/2 MILES	1.1		24.4	46.9	12.9	3.0	11.7	983
TOTAL OBS	206	0	814	1378	777	973	3126	7274

MONTH: FEB HOURS: ALL

TSTMS								
LIQUID PRECIP	1.1		18.3	49.5	18.6	4.6	7.9	1767
FREEZING PRECIP								
FROZEN PRECIP	1.1		10.3	16.1	4.2	6.6	61.7	1027
FOG	2.5		17.0	49.4	13.5	6.0	11.6	672
FOG WITH VIS GE 1/2 MILES	2.0		17.3	50.9	13.8	4.8	11.1	640
TOTAL OBS	114	0	587	1284	709	850	3139	6683

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP	.8		23.1	52.6	13.8	2.0	7.7	2186
FREEZING PRECIP								
FROZEN PRECIP	2.4		15.0	23.4	12.6	5.1	41.4	760
FOG	1.4		24.3	54.5	9.6	2.2	8.0	716
FOG WITH VIS GE 1/2 MILES	1.3		25.0	53.5	10.0	2.0	8.1	688
TOTAL OBS	156	0	873	1769	809	800	2829	7236

MONTH: APR HOURS: ALL

TSTMS								
LIQUID PRECIP	.5		23.5	39.7	15.4	2.1	18.9	1654
FREEZING PRECIP								
FROZEN PRECIP	.8		13.9	17.7	5.9	5.1	56.5	858
FOG	.9		36.6	45.4	3.0	.9	13.1	328
FOG WITH VIS GE 1/2 MILES	.9		36.6	45.4	3.0	.9	13.1	328
TOTAL OBS	105	0	840	1505	711	606	3301	7068

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP	.8		26.6	43.6	13.6	1.9	13.4	2518
FREEZING PRECIP								
FROZEN PRECIP			27.9	7.4	2.9	5.9	55.9	68
FOG	.6		27.2	58.8	5.4	1.5	6.5	816
FOG WITH VIS GE 1/2 MILES	.5		27.4	59.1	5.3	1.0	6.6	787
TOTAL OBS	139	0	1011	2328	974	504	2287	7243

MONTH: JUN HOURS: ALL

TSTMS								
LIQUID PRECIP	.6		35.6	50.1	6.4	.5	6.7	2782
FREEZING PRECIP								
FROZEN PRECIP								
FOG	.2		36.8	56.1	2.9	.2	3.8	1046
FOG WITH VIS GE 1/2 MILES	.2		37.5	55.7	2.9	.2	3.5	1017
TOTAL OBS	158	0	1497	2909	800	345	1339	7048

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSMS								
LIQUID PRECIP	2.9		25.9	49.0	10.0	2.8	9.5	1714
FREEZING PRECIP								
FROZEN PRECIP								
FOG	3.5		25.6	61.0	2.5	1.9	5.4	831
FOG WITH VIS GE 1/2 MILES	2.6		26.6	60.9	2.4	1.7	5.8	762
TOTAL OBS	340	0	1123	2551	773	550	1920	7257

MONTH: AUG HOURS: ALL

TSMS								
LIQUID PRECIP	4.1		22.3	41.2	14.7	2.8	14.9	1621
FREEZING PRECIP								
FROZEN PRECIP								
FOG	5.8		24.6	55.3	5.9	2.8	5.6	833
FOG WITH VIS GE 1/2 MILES	4.9		26.3	55.1	5.3	2.3	6.0	749
TOTAL OBS	289	0	936	1788	928	790	2517	7248

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP	2.4		16.0	38.2	21.9	3.8	17.7	1914
FREEZING PRECIP								
FROZEN PRECIP								
FOG	3.5		21.6	49.9	13.9	2.1	9.0	713
FOG WITH VIS GE 1/2 MILES	2.6		22.0	49.9	14.4	1.6	9.4	681
TOTAL OBS	213	0	690	1440	1042	885	2758	7028

MONTH: OCT HOURS: ALL

TSTMS								
LIQUID PRECIP	1.0		17.6	35.9	15.0	4.0	26.3	1761
FREEZING PRECIP								
FROZEN PRECIP	2.1			.5	3.1	7.8	86.5	193
FOG	.8		21.3	45.4	13.7	2.4	16.3	502
FOG WITH VIS GE 1/2 MILES	.8		21.4	45.6	13.8	2.2	16.2	500
TOTAL OBS	179	0	503	1009	631	1001	3941	7264

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSIMS								
LIQUID PRECIP	1.6		15.7	41.2	16.2	5.1	20.2	1880
FREEZING PRECIP								
FROZEN PRECIP	2.3		3.7	8.9	2.7	8.5	73.9	621
FOG	1.3		22.9	46.1	12.9	4.0	12.8	673
FOG WITH VIS GE 1/2 MILES	.8		23.2	46.6	13.1	3.9	12.4	659
TOTAL OBS	246	0	404	966	632	1075	3663	6986

MONTH: DEC HOURS: ALL

TSIMS								
LIQUID PRECIP	1.5		19.2	46.7	19.1	3.6	9.9	2531
FREEZING PRECIP			9.1			27.3	63.6	11
FROZEN PRECIP	1.6		11.1	15.6	7.7	9.8	54.2	622
FOG	1.2		23.9	51.4	13.2	2.5	7.7	990
FOG WITH VIS GE 1/2 MILES	1.0		23.7	51.8	13.4	2.5	7.6	975
TOTAL OBS	191	0	603	1551	885	1040	2918	7238

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP	1.5		22.8	44.7	14.7	2.9	13.4	24769
FREEZING PRECIP			7.7			23.1	69.2	13
FROZEN PRECIP	1.6		11.4	14.5	6.0	7.2	59.2	5179
FOG	1.9		25.5	52.4	9.1	2.4	8.7	9126
FOG WITH VIS GE 1/2 MILES	1.6		26.0	52.4	9.2	2.2	8.7	8769
TOTAL OBS	2336	0	9931	20478	9671	9419	33738	85573

A - 5 - 7





PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	BBBBBBBBBB
PP	AAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBB

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## PART B

### PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

#### PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

#### MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

#### DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (\*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

#### SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	24.5	24.4	25.9	28.8	26.7	32.4	35.1	37.8	30.5	30.7	24.6	23.7	28.8
TRACE	19.5	18.1	20.8	19.8	16.3	17.0	17.6	15.0	13.7	16.8	20.1	22.0	18.1
.01	3.5	3.6	3.6	4.2	3.5	2.2	4.3	2.8	2.8	1.5	3.1	3.1	3.2
.02-.05	9.0	8.5	8.7	9.2	10.9	11.0	11.2	8.3	9.8	8.9	9.3	9.1	9.5
.06-.10	6.8	8.0	7.9	8.0	8.2	7.3	6.6	7.9	6.3	6.3	6.8	5.7	7.1
.11-.25	11.1	14.8	14.4	13.1	13.9	12.1	10.6	12.0	12.4	11.1	11.3	12.0	12.4
.26-.50	10.4	12.3	9.0	9.2	11.8	8.5	8.3	7.2	10.6	9.5	11.1	10.3	9.8
.51-1.00	11.0	7.3	8.3	6.3	5.5	5.9	3.7	5.0	8.3	9.8	9.8	10.0	7.6
1.01-2.50	4.2	2.8	1.5	1.4	3.1	3.5	2.4	3.7	5.7	5.1	4.0	3.9	3.4
2.51-5.00	.1	.2			.2	.2	.1	.1	.2	.4		.2	.1
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	56.0	57.5	53.3	51.4	57.0	50.6	47.2	47.2	55.9	52.6	55.3	54.4	53.2
TOTAL NO. OF OBSERVATIONS	1271	1158	1271	1230	1271	1230	1270	1271	1230	1271	1230	1271	14974

B - 2 - 1

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49	4.36	1.71	5.66	2.29	3.69	2.59	3.96	3.51	8.54	5.28	8.33	3.69	53.61
50	1.14	1.66	6.46	4.22	7.91	5.43	6.57	6.64	10.33	4.61	.19	2.42	57.58
51	2.29	2.35	3.59	4.64	6.15	4.66	1.55	6.02	9.98	7.01	5.15	3.00	56.39
52	2.68	3.50	2.29	1.93	2.44	2.65	5.52	3.40	5.45	10.57	9.51	4.66	54.60
53	4.61	6.17	3.58	4.98	4.17	2.55	2.88	2.40	2.70	5.76	6.54	7.35	53.69
54	3.13	1.59	3.18	1.13	5.54	3.39	2.18	2.85	1.80	9.19	5.98	1.97	41.93
55	6.07	2.49	3.61	2.56	9.53	5.49	3.21	4.10	3.40	6.28	3.35	1.78	51.87
56	4.70	1.41	7.93	4.94	6.43	2.04	2.55	3.30	2.66	1.56	5.85	4.06	47.43
57	2.56	3.69	6.82	3.50	6.01	2.29	2.28	4.20	12.60	7.80	9.44	4.97	66.16
58	5.84	7.17	2.64	3.40	2.29	6.18	8.09	5.44	2.56	3.42	3.88	6.27	57.18
59	6.42	3.04	2.36	2.88	3.92	2.08	3.67	3.27	4.64	4.50	10.28	4.50	51.56
60	10.16	5.73	3.97	4.68	2.88	4.19	2.69	3.15	5.02	3.74	4.30	8.60	59.11
61	6.79	4.42	1.62	1.69	3.67	1.42	3.79	4.36	3.04	3.92	3.33	5.54	43.59
62	3.20	3.31	3.46	2.71	2.05	1.45	2.64	1.68	7.05	5.03	7.78	9.80	50.16
63	7.61	7.11	.89	2.19	1.84	2.04	1.08	8.14	7.79	5.03	3.55	9.18	56.45
64	6.72	4.76	2.23	1.40	1.00	4.49	1.23	9.30	5.80	3.87	3.19	2.85	46.84
65	6.16	2.54	8.12	3.88	5.42	11.78	6.33	2.24	7.30	6.72	4.82	3.18	68.49
66	8.82	1.83	6.23	3.80	1.98	8.59	3.22	7.50	7.90	7.25	1.81	5.35	64.28
67	3.34	4.16	2.21	3.09	2.13	5.67	1.01	8.25	7.75	4.86	6.16	4.58	53.21
68	1.97	9.61	3.32	4.42	1.97	2.07	7.60	3.68	5.85	4.04	7.34	2.99	54.86
69	.24	4.13	3.89	5.46	3.30	7.56	2.00	3.25	9.35	12.38	5.96	12.19	69.71
70	3.62	8.39	5.78	1.43	3.10	2.94	4.04	7.44	6.39	4.48	2.52	4.75	54.88
71	6.74	8.82	4.28	4.31	11.90	8.50	7.96	4.86	6.59	4.70	4.52	2.30	75.48
72	3.70	4.92	.92	1.30	4.57	2.12	1.11	5.93	2.54	5.94	4.13	1.15	38.33
73	.31	3.59	3.21	5.27	10.75	1.70	6.06	2.43	6.61	6.37	.68	7.23	54.21
74	2.86	3.94	6.69	6.15	3.66	4.57	3.32	4.25	10.36	13.07	7.15	5.38	71.40
75	10.52	4.71	4.12	3.98	11.37	4.55	3.86	5.97	5.65	7.99	7.82	9.31	79.85
76	10.54	2.97	2.11	3.53	4.26	4.34	4.09	8.89	12.14	5.53	14.79	11.14	84.33
77	15.77	12.43	1.36	4.04	5.11	4.10	6.01	11.13	1.20	14.53	3.91	1.21	80.80
78	11.58	11.56	3.63	6.49	11.05	.70	4.04	3.53	5.85	12.18	6.69	9.95	87.25
79	8.66	1.50	6.23	3.39	9.29	4.83	3.02	3.71	10.34	10.84	5.19	1.37	68.37
80	6.09	9.58	5.11	5.85	6.34	2.15	.84	1.78	8.62	9.38	7.12	4.64	67.50

B - 2 - 2A

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	13.65	6.43	8.05	2.86	7.26	1.87	2.53	4.35	7.47	3.15	7.29	5.22	70.13
82	7.22	2.12	1.99	3.60	5.55	7.29	3.81	2.23	10.10	3.54	7.58	13.49	68.52
83	9.19	7.56	8.34	2.25	12.67	7.88	2.16	.73	2.93	5.36	15.36	2.43	76.86
84	10.11	5.75	9.94	6.27	4.90	5.15	3.04	1.39	8.37	3.15	4.98	5.50	68.55
85	14.41	1.91	5.68	5.81	1.53	6.64	10.21	2.96	8.05	3.26	4.44	19.82	84.72
86	11.63	6.31	4.59	2.69	2.27	13.16	2.72	6.42	2.22	11.37	5.35	11.64	80.37
87	10.21	4.75	6.31	4.93	3.67	16.88	1.25	.65	7.83	8.08	4.98	2.49	72.03
88	6.91	11.50	8.59	6.65	2.42	1.59	4.11	8.28	6.55	10.20	7.93	11.48	86.21
89	2.53	1.44	3.61	4.13	2.02	7.22	3.86	5.92	6.10	7.04	5.58	12.59	62.04
LEAST	.24	1.41	.89	1.13	1.00	.70	.84	.65	1.20	1.56	.19	1.15	38.33
GREATEST	15.77	12.43	9.94	6.65	12.67	16.88	10.21	11.13	12.60	14.53	15.36	19.82	87.25
MEAN	6.46	4.94	4.50	3.77	5.07	4.80	3.71	4.62	6.52	6.66	5.97	6.15	63.18
MEDIAN	6.16	4.16	3.89	3.80	4.17	4.34	3.22	4.10	6.59	5.76	5.58	4.97	62.04
SD	3.899	3.038	2.327	1.527	3.189	3.423	2.170	2.510	2.925	3.157	3.072	4.149	13.011
TOTAL OBS	1271	1158	1271	1230	1271	1230	1270	1271	1230	1271	1230	1271	14974

THE GREATEST VALUE OF 19.82 OCCURRED ON 12/85

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 2 - 2B

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49	.83	.66	.97	.62	.70	.91	1.81	1.20	1.16	.70	1.66	.79	1.81
50	.61	.55	.96	.65	1.74	1.07	2.46	1.90	1.33	1.09	.07	.47	2.46
51	.51	.58	.92	1.22	1.87	.73	1.02	2.00	1.55	2.21	1.43	1.73	2.21
52	.80	.69	.73	.34	1.23	.75	1.77	.62	1.42	2.47	1.67	.84	2.47
53	1.30	1.33	.97	.76	.79	1.19	1.17	.54	.39	1.28	.88	.85	1.33
54	.58	.37	1.36	.42	1.30	.44	.51	.87	.38	1.09	1.06	.52	1.36
55	1.60	.33	.99	.46	1.44	1.64	1.66	1.37	1.51	1.26	.89	.64	1.66
56	1.12	.47	1.78	.83	1.02	.47	.74	.76	1.01	.22	1.61	.99	1.78
57	.64	1.18	.89	.88	1.28	.96	.42	1.06	2.30	1.77	.93	1.04	2.30
58	.79	1.41	.97	1.03	.58	2.13	1.06	1.16	1.32	1.05	1.39	1.13	2.13
59	.99	.66	.55	.56	.72	1.48	.72	1.50	1.27	1.54	2.34	.71	2.34
60	3.20	.75	.85	1.30	.65	.74	.38	.59	1.31	.66	.73	1.65	3.20
61	.88	.82	.29	.40	1.01	.42	.95	1.32	.67	1.15	.78	1.59	1.59
62	.93	1.32	.72	.52	.73	.57	.60	.45	1.25	1.20	1.40	2.03	2.03
63	2.43	.92	.49	.67	.33	.64	.20	2.23	1.75	.73	.88	1.12	2.43
64	1.59	1.01	.69	.34	.38	1.01	.30	2.12	1.82	.93	.68	.49	2.12
65	1.05	.49	1.46	.86	1.69	2.31	1.44	1.05	2.64	1.95	1.40	.75	2.64
66	1.59	.54	1.46	1.05	.40	2.31	.93	1.92	1.54	1.68	.52	.98	2.31
67	.98	.56	.80	1.70	.74	2.12	.24	1.15	1.21	1.27	1.37	1.43	2.12
68	.58	1.27	.88	1.35	.40	.86	1.84	.71	1.27	2.29	2.24	.54	2.29
69	.11	.88	.84	.98	.92	1.28	.58	.92	1.70	1.77	1.79	1.61	1.79
70	1.10	.97	.73	.50	.35	.84	.92	2.46	2.10	1.52	.81	1.00	2.46
71	2.30	1.22	1.30	.77	2.27	2.39	3.01	1.41	1.75	1.32	.97	.51	3.01
72	.80	.95	.62	.28	1.26	.44	.22	1.61	.54	.93	.66	.38	1.61
73	.18	1.24	.96	1.35	1.42	.55	1.58	1.26	.92	1.70	.22	1.14	1.70
74	.74	.72	1.15	1.57	.91	1.56	.92	.86	2.42	3.63	1.63	1.52	3.63
75	2.50	1.32	.65	.77	2.82	1.12	1.48	2.95	1.21	2.73	1.69	1.53	2.95
76	2.16	.56	.51	.48	.90	1.49	1.52	2.40	1.49	1.17	1.90	3.28	3.28
77	2.01	2.85	.43	.95	1.90	1.87	1.92	2.16	.37	1.75	1.07	.31	2.85
78	2.24	1.50	.80	1.34	1.37	.12	1.17	.85	1.58	3.07	1.83	1.87	3.07
79	2.19	.57	1.13	.67	3.63	1.57	1.06	.62	1.83	1.64	1.60	.47	3.63
80	1.36	3.00	1.34	.51	.80	.56	.17	.29	2.11	1.95	1.25	1.17	3.00

B - 2 - 3A



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	1.96	2.10	.96	.64	1.59	.41	.93	1.89	2.34	1.22	1.55	1.13	2.34
82	2.14	1.54	.78	1.07	1.76	1.01	1.37	.58	1.59	1.53	1.99	1.49	2.14
83	1.78	1.57	.76	.64	2.45	1.53	.56	.44	.99	1.02	2.47	.68	2.47
84	2.38	1.14	1.68	.95	1.73	1.18	1.18	.83	1.06	1.18	.83	1.36	2.38
85	1.91	.34	1.16	1.44	.48	1.52	2.11	1.33	2.54	.96	1.30	4.16	4.16
86	1.54	1.83	1.44	.91	.71	1.83	1.27	1.90	1.09	3.85	.95	1.22	3.85
87	1.24	.61	1.01	1.34	.93	3.75	.51	.31	1.36	1.42	1.30	.59	3.75
88	1.12	1.62	1.87	.72	.36	.43	.97	2.25	1.70	2.40	2.04	2.68	2.68
89	.57	.49	1.02	1.71	.36	2.56	.93	1.32	1.58	2.60	1.58	1.62	2.60

GREATEST	3.20	3.00	1.87	1.71	3.63	3.75	3.01	2.95	2.64	3.85	2.47	4.16	4.16
TOTAL OBS	1271	1158	1271	1230	1271	1230	1270	1271	1230	1271	1230	1271	14974

THE GREATEST VALUE OF 4.16 OCCURRED ON 12/10/85

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 2 - 3B

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	48.3	40.8	43.4	53.8	88.5	99.8	100.0	100.0	99.1	81.7	59.3	46.3	71.9
TRACE	26.0	25.6	27.5	26.7	9.4	.2			.7	13.9	25.8	30.2	15.5
0.1-0.4	6.8	9.2	8.7	6.8	.9				.2	1.4	5.6	8.2	3.9
0.5-1.4	8.5	10.9	10.1	6.8	1.0					1.5	5.0	7.4	4.2
1.5-2.4	4.2	6.0	4.8	2.8	.1					.3	1.7	3.1	1.9
2.5-3.4	2.3	3.5	1.4	1.2	.1					.3	1.0	1.5	.9
3.5-4.4	1.2	.9	1.6	.9	.1					.3	.6	1.4	.6
4.5-6.4	1.5	2.0	1.2	.2						.2	.7	1.0	.6
6.5-10.4	1.1	1.0	1.2	.4						.3	.3	.9	.4
10.5-15.4	.2	.1	.1	.2							.1	.1	.1
15.5-25.4			.1										.0
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	25.7	33.6	29.1	19.4	2.1				.2	4.3	15.0	23.5	12.6
TOTAL NO. OF OBSERVATIONS	1271	1158	1271	1230	1271	1230	1271	1271	1230	1271	1230	1271	14975

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AR  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49	33.1	6.7	4.2	3.6	2.6	.0	.0	.0	.0	TRACE	.9	11.0	62.1
50	4.3	10.1	5.7	3.6	TRACE	.0	.0	.0	.0	TRACE	TRACE	2.7	26.4
51	7.3	10.7	21.9	1.1	TRACE	.0	.0	.0	.0	TRACE	.1	5.3	46.4
52	8.4	14.9	11.3	6.5	TRACE	.0	.0	.0	.0	TRACE	TRACE	16.2	57.3
53	10.6	12.5	23.8	TRACE	TRACE	.0	.0	.0	.0	.7	1.3	9.8	58.7
54	19.9	10.9	23.3	5.5	TRACE	.0	.0	.0	.0	7.3	.6	16.9	84.4
55	10.7	14.9	14.0	21.5	TRACE	TRACE	.0	.0	.0	4.3	3.2	10.5	79.1
56	38.8	11.0	74.5	19.0	TRACE	.0	.0	.0	.2	3.3	17.5	14.6	178.9
57	11.5	26.8	15.1	4.8	.0	.0	.0	.0	.0	.0	3.0	23.8	85.0
58	10.9	6.5	1.4	1.4	TRACE	.0	.0	.0	TRACE	TRACE	TRACE	4.9	25.1
59	4.4	5.6	6.2	3.3	TRACE	.0	.0	.0	.0	TRACE	.2	23.4	43.1
60	13.1	10.5	28.2	11.6	TRACE	.0	.0	.0	.0	TRACE	5.3	4.5	73.2
61	8.0	34.0	8.3	4.6	.0	.0	.0	.0	.0	14.9	18.7	20.2	108.7
62	22.4	4.8	16.2	2.6	TRACE	.0	.0	.0	TRACE	TRACE	TRACE	8.6	54.6
63	4.8	11.0	.3	2.9	TRACE	.0	.0	.0	.0	2.5	17.1	4.1	42.7
64	19.3	21.0	15.2	1.9	.7	.0	.0	.0	.0	10.4	1.9	11.0	81.4
65	16.8	18.9	13.1	21.9	1.3	TRACE	.0	.0	TRACE	2.1	24.3	13.8	112.2
66	26.7	11.6	51.7	17.5	TRACE	.0	.0	.0	.0	3.8	5.2	14.0	130.5
67	18.7	24.7	16.7	TRACE	.0	.0	.0	.0	.0	3.3	1.0	10.7	75.1
68	11.2	21.9	3.0	6.0	4.0	.0	.0	.0	TRACE	.3	TRACE	28.2	74.6
69	.6	32.1	28.9	.5	TRACE	.0	.0	.0	.0	TRACE	3.6	3.0	68.7
70	20.2	22.5	2.7	5.2	TRACE	.0	.0	.0	.0	12.6	TRACE	23.1	86.3
71	40.1	16.8	34.6	25.7	6.0	.0	.0	.0	.0	TRACE	7.3	12.2	142.7
72	32.8	35.5	9.2	9.9	2.8	.0	.0	.0	TRACE	TRACE	5.2	6.4	101.8
73	1.9	24.9	12.6	9.3	1.5	.0	.0	.0	.0	10.6	1.9	14.3	77.0
74	18.6	16.7	12.9	3.3	.4	.0	.0	.0	.0	1.4	13.0	14.3	80.6
75	32.2	27.1	23.6	5.2	.2	.0	.0	.0	.0	1.2	20.5	33.1	143.1
76	39.7	13.8	13.2	17.0	TRACE	.0	.0	.0	.0	.6	8.5	10.2	103.0
77	TRACE	12.2	8.7	1.4	.2	.0	.0	.0	.4	TRACE	12.0	14.1	49.0
78	3.9	16.7	7.0	1.6	.0	.0	.0	.0	.0	.0	3.9	8.6	41.7
79	4.2	10.6	18.0	.1	TRACE	.0	.0	.0	.0	TRACE	9.7	4.7	47.3
80	15.3	13.4	7.1	1.0	TRACE	.0	.0	.0	.0	TRACE	.8	10.6	48.2

B - 3 - 2A

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	3.3	10.9	TRACE	1.7	TRACE	.0	.0	.0	.0	.2	3.1	9.6	28.8
82	14.2	4.0	9.5	19.8	1.4	.0	.0	.0	.0	6.0	.4	2.4	57.7
83	6.4	1.0	.6	1.8	TRACE	.0	.0	.0	.0	6.1	7.2	TRACE	23.1
84	19.2	38.8	2.0	9.0	TRACE	.0	.0	.0	.0	TRACE	2.9	6.0	77.9
85	.1	12.9	30.0	34.8	.8	.0	.0	.0	.0	4.5	9.0	11.0	103.1
86	23.5	17.0	6.4	11.9	.8	.0	.0	.0	.0	.0	4.2	2.1	65.9
87	8.3	2.0	9.9	4.3	TRACE	.0	.0	.0	.0	.0	5.8	6.9	37.2
88	7.6	24.4	15.8	16.6	TRACE	.0	.0	.0	.0	TRACE	8.6	14.4	87.4
89	18.2	9.3	5.7	.4	.0	.0	.0	.0	.0	.5	30.0	8.3	72.4
LEAST	TRACE	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	23.1
GREATEST	40.1	38.8	74.5	34.8	6.0	TRACE	.0	.0	.4	14.9	30.0	33.1	178.9
MEAN	14.9	15.9	14.9	7.8	.5	TRACE	.0	.0	TRACE	2.3	6.3	11.4	74.2
MEDIAN	11.5	13.4	12.6	4.6	TRACE	.0	.0	.0	.0	.2	3.6	10.6	73.2
SD	11.272	9.186	14.333	8.354	1.244	.000	.000	.000	.069	3.842	7.394	7.337	34.389
TOTAL OBS	1271	1158	1271	1230	1271	1230	1271	1271	1230	1271	1230	1271	14975

THE GREATEST VALUE OF 74.5 OCCURRED ON 03/56

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49	6.0	2.5	2.2	1.3	1.3	.0	.0	.0	.0	TRACE	.8	6.2	6.2
50	2.0	2.3	1.9	3.6	TRACE	.0	.0	.0	.0	TRACE	TRACE	2.0	3.6
51	3.8	4.9	3.9	1.0	TRACE	.0	.0	.0	.0	TRACE	.1	5.3	5.3
52	3.2	3.0	3.5	3.0	TRACE	.0	.0	.0	.0	TRACE	TRACE	3.0	3.5
53	3.0	7.0	9.7	TRACE	TRACE	.0	.0	.0	.0	.5	.5	4.3	9.7
54	4.1	3.6	8.1	2.4	TRACE	.0	.0	.0	.0	7.3	.5	5.2	8.1
55	3.6	2.6	4.0	4.3	TRACE	TRACE	.0	.0	.0	3.5	1.4	4.3	4.3
56	10.5	3.9	17.8	6.4	TRACE	.0	.0	.0	.2	1.0	6.1	4.5	17.8
57	6.2	10.0	6.5	1.6	.0	.0	.0	.0	.0	.0	1.5	9.0	10.0
58	2.9	3.4	.8	1.4	TRACE	.0	.0	.0	TRACE	TRACE	TRACE	2.0	3.4
59	2.0	3.3	2.5	1.2	TRACE	.0	.0	.0	.0	TRACE	.2	7.1	7.1
60	5.9	4.5	8.5	3.5	TRACE	.0	.0	.0	.0	TRACE	3.5	1.5	8.5
61	2.0	8.2	2.0	2.0	.0	.0	.0	.0	.0	5.5	7.8	7.3	8.2
62	9.0	3.4	4.5	1.7	TRACE	.0	.0	.0	TRACE	TRACE	TRACE	5.0	9.0
63	2.5	9.0	.3	2.5	TRACE	.0	.0	.0	.0	2.5	8.0	1.7	9.0
64	6.2	5.2	6.8	1.2	.7	.0	.0	.0	.0	9.3	.5	3.2	9.3
65	6.1	3.6	5.5	6.9	1.3	TRACE	.0	.0	TRACE	1.0	14.0	3.0	14.0
66	10.3	5.2	14.6	10.5	TRACE	.0	.0	.0	.0	2.8	2.6	3.5	14.6
67	9.0	5.6	7.8	TRACE	.0	.0	.0	.0	.0	1.9	.5	3.2	9.0
68	4.6	6.0	2.3	3.3	4.0	.0	.0	.0	TRACE	.2	TRACE	5.4	6.0
69	.6	8.8	7.6	.5	TRACE	.0	.0	.0	.0	TRACE	1.0	3.0	8.8
70	11.0	9.7	1.0	3.5	TRACE	.0	.0	.0	.0	10.0	TRACE	7.0	11.0
71	9.0	6.4	9.0	7.2	2.3	.0	.0	.0	.0	TRACE	5.0	5.1	9.0
72	8.0	8.1	6.2	2.4	2.8	.0	.0	.0	TRACE	TRACE	1.6	3.7	8.1
73	1.2	13.1	4.3	3.0	.9	.0	.0	.0	.0	6.5	1.0	3.6	13.1
74	5.7	3.0	4.6	2.0	.4	.0	.0	.0	.0	1.0	3.3	4.1	5.7
75	8.6	7.4	4.0	2.6	.2	.0	.0	.0	.0	1.0	7.4	11.9	11.9
76	12.0	4.8	3.8	3.7	TRACE	.0	.0	.0	.0	.6	2.6	6.1	12.0
77	TRACE	5.4	4.0	.9	.2	.0	.0	.0	.4	TRACE	3.9	5.1	5.4
78	1.5	5.1	2.1	1.3	.0	.0	.0	.0	.0	.0	2.5	2.4	5.1
79	2.4	3.3	4.2	.1	TRACE	.0	.0	.0	.0	TRACE	8.4	1.0	8.4
80	6.9	4.1	2.3	.5	TRACE	.0	.0	.0	.0	TRACE	.3	4.0	6.9

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	1.0	4.8	TRACE	1.2	TRACE	.0	.0	.0	.0	.2	.9	7.0	7.0
82	9.3	2.6	3.9	9.5	1.4	.0	.0	.0	.0	3.6	.4	.8	9.5
83	2.3	.3	.3	.7	TRACE	.0	.0	.0	.0	3.5	4.5	TRACE	4.5
84	8.8	8.0	1.0	2.8	TRACE	.0	.0	.0	.0	TRACE	1.2	2.4	8.8
85	.1	3.1	6.8	11.2	.8	.0	.0	.0	.0	2.2	6.2	6.7	11.1
86	4.0	3.2	3.3	3.6	.8	.0	.0	.0	.0	.0	1.8	1.8	4.0
87	4.2	.7	5.7	.9	TRACE	.0	.0	.0	.0	.0	2.7	3.3	5.7
88	4.4	6.6	3.8	3.5	TRACE	.0	.0	.0	.0	TRACE	3.4	4.0	6.6
89	5.7	3.0	2.8	.2	.0	.0	.0	.0	.0	.3	5.9	4.5	5.9

GREATEST	12.0	13.1	17.8	11.2	4.0	TRACE	.0	.0	.4	10.0	14.0	11.9	17.8
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TOTAL OBS	1271	1158	1271	1230	1271	1230	1271	1271	1230	1271	1230	1271	14975
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THE GREATEST VALUE OF 17.8 OCCURRED ON 03/22/56

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 3 - 3B

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	33.9	27.8	37.9	70.1	98.1	100.0	100.0	100.0	100.0	92.8	71.5	41.6	73.0
TRACE	21.6	14.9	17.7	14.2	1.5					4.8	15.4	26.2	9.7
1	13.6	13.5	12.3	6.0	.2					1.3	5.4	12.8	5.4
2	7.7	10.0	11.0	4.0						.7	2.3	5.6	3.4
3	5.0	7.4	5.4	1.5	.1					.2	1.0	3.8	2.0
4-6	9.6	15.6	9.4	2.7	.1					.2	3.4	5.8	3.8
7-12	6.0	7.4	4.6	.2						.1	1.0	2.9	1.8
13-24	2.7	3.0	.9	1.1								1.3	.7
25-36		.3	.8	.2									.1
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	44.5	57.3	44.4	15.7	.4					2.4	13.1	32.2	17.3
TOTAL NO. OF OBSERVATIONS	1271	1158	1271	1230	1271	1230	1271	1271	1230	1271	1230	1271	14975

B - 4 - 1

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49	10	7	6	6	1	0	0	0	0	0	TRACE	2	10
50	4	5	2	1	0	0	0	0	0	TRACE	TRACE	4	5
51	4	4	7	2	0	0	0	0	0	TRACE	1	4	7
52	5	8	3	2	0	0	0	0	0	0	0	7	8
53	5	7	8	2	0	0	0	0	0	TRACE	TRACE	5	8
54	12	13	13	2	0	0	0	0	0	5	0	7	13
55	6	3	1	4	0	0	0	0	0	1	1	6	6
56	18	11	35	25	0	0	0	0	0	1	8	5	35
57	7	10	4	TRACE	0	0	0	0	0	0	1	17	17
58	22	5	TRACE	TRACE	0	0	0	0	0	TRACE	TRACE	2	22
59	13	TRACE	5	2	0	0	0	0	0	0	TRACE	17	17
60	12	7	12	2	0	0	0	0	0	0	4	1	12
61	3	8	5	2	0	0	0	0	0	3	10	11	11
62	11	8	5	1	0	0	0	0	0	0	TRACE	4	11
63	6	8	TRACE	2	0	0	0	0	0	TRACE	11	1	11
64	5	5	8	TRACE	1	0	0	0	0	9	2	4	9
65	3	6	3	2	TRACE	0	0	0	0	TRACE	4	3	6
66	13	7	17	7	0	0	0	0	0	TRACE	TRACE	3	17
67	3	10	7	0	0	0	0	0	0	TRACE	TRACE	6	10
68	9	16	1	3	4	0	0	0	0	0	TRACE	16	16
69	2	28	12	TRACE	0	0	0	0	0	0	1	3	28
70	11	15	TRACE	4	0	0	0	0	0	1	TRACE	13	15
71	15	8	7	7	1	0	0	0	0	TRACE	3	4	15
72	17	16	9	3	TRACE	0	0	0	0	TRACE	3	1	17
73	1	15	4	1	0	0	0	0	0	2	1	4	15
74	7	9	7	TRACE	0	0	0	0	0	0	5	6	9
75	21	8	5	5	0	0	0	0	0	1	8	5	21
76	17	7	5	3	0	0	0	0	0	1	1	4	17
77	0	2	4	1	0	0	0	0	0	0	2	9	9
78	1	3	TRACE	TRACE	0	0	0	0	0	0	2	4	4
79	1	3	4	0	TRACE	0	0	0	0	0	3	1	4
80	7	8	1	TRACE	0	0	0	0	0	0	TRACE	3	8

B - 4 - 2A



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	1	5	TRACE	1	0	0	0	0	0	TRACE	1	6	6
82	8	2	5	5	TRACE	0	0	0	0	1	0	TRACE	8
83	1	TRACE	TRACE	TRACE	0	0	0	0	0	2	4	0	4
84	6	9	8	2	0	0	0	0	0	0	1	3	9
85	0	8	10	5	TRACE	0	0	0	0	3	4	5	10
86	3	5	5	1	0	0	0	0	0	0	TRACE	TRACE	5
87	1	TRACE	3	TRACE	0	0	0	0	0	0	TRACE	4	4
88	2	6	2	3	0	0	0	0	0	TRACE	1	9	9
89	15	15	3	TRACE	0	0	0	0	0	0	7	2	15
.....													
GREATEST	22	28	35	25	4	0	0	0	0	9	11	17	35
.....													
TOTAL OBS	1271	1158	1271	1230	1271	1230	1271	1271	1230	1271	1230	1271	14975
.....													

THE GREATEST VALUE OF 35 OCCURRED ON 03/23/56

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 4 - 2B

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK

PERIOD OF RECORD: 4901-8912

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
48 - 49	JAN 01	JAN 02	JAN 01	MAY 08	MAY 07	MAY 04
49 - 50	OCT 06	NOV 12	DEC 01	MAY 17	APR 10	APR 10
50 - 51	OCT 11	DEC 03	DEC 03	MAY 02	APR 28	APR 01
51 - 52	OCT 06	NOV 27	NOV 30	MAY 06	APR 24	APR 16
52 - 53	OCT 20	DEC 01	DEC 02	MAY 08	MAR 29	APR 02
53 - 54	OCT 02	OCT 29	DEC 05	MAY 05	APR 19	APR 15
54 - 55	OCT 21	OCT 21	OCT 21	JUN 03	APR 28	APR 13
55 - 56	OCT 05	OCT 11	OCT 20	MAY 28	APR 18	APR 24
56 - 57	SEP 20	SEP 21	OCT 21	APR 30	APR 29	MAR 17
57 - 58	NOV 13	NOV 26	NOV 26	MAY 07	APR 01	FEB 11
58 - 59	SEP 19	DEC 06	DEC 08	MAY 09	APR 19	APR 07
59 - 60	OCT 16	NOV 30	DEC 08	MAY 13	APR 27	APR 25
60 - 61	OCT 06	NOV 14	NOV 19	APR 26	APR 26	APR 04
61 - 62	OCT 11	OCT 12	OCT 13	MAY 14	APR 26	APR 12
62 - 63	SEP 12	DEC 05	DEC 06	MAY 11	APR 24	APR 25
63 - 64	OCT 08	OCT 26	NOV 20	MAY 15	MAY 03	MAY 03
64 - 65	OCT 17	OCT 25	OCT 30	JUN 19	MAY 05	APR 21
65 - 66	SEP 29	OCT 19	NOV 02	MAY 21	APR 13	APR 17
66 - 67	OCT 15	OCT 27	DEC 18	APR 28	MAR 28	MAR 27
67 - 68	OCT 21	OCT 25	DEC 01	MAY 08	MAY 01	MAY 02
68 - 69	SEP 29	OCT 14	DEC 02	MAY 31	APR 05	MAR 29
69 - 70	OCT 10	NOV 05	NOV 06	MAY 07	APR 26	APR 12
70 - 71	OCT 13	OCT 13	OCT 31	MAY 29	MAY 29	MAY 20
71 - 72	OCT 04	NOV 10	NOV 11	MAY 20	MAY 02	APR 22
72 - 73	SEP 30	NOV 06	NOV 25	MAY 25	MAY 06	APR 08
73 - 74	OCT 02	OCT 17	OCT 18	MAY 12	MAY 12	MAR 21
74 - 75	OCT 10	OCT 20	NOV 14	MAY 24	MAY 21	APR 25
75 - 76	OCT 29	OCT 30	OCT 31	MAY 09	APR 26	APR 16
76 - 77	OCT 25	OCT 26	OCT 27	MAY 24	MAY 24	APR 15
77 - 78	SEP 28	SEP 28	NOV 09	APR 06	APR 06	FEB 16
78 - 79	NOV 02	NOV 03	NOV 16	MAY 14	APR 06	MAR 19
79 - 80	OCT 23	NOV 16	NOV 19	MAY 14	APR 17	MAR 24
80 - 81	OCT 16	NOV 15	DEC 06	MAY 01	APR 15	APR 15

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK

PERIOD OF RECORD: 4901-8912

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
81 - 82	OCT 04	OCT 04	NOV 04	MAY 14	MAY 01	APR 22
82 - 83	OCT 07	OCT 22	OCT 22	MAY 05	APR 20	JAN 19
83 - 84	OCT 21	OCT 22	OCT 22	MAY 26	APR 23	APR 24
84 - 85	OCT 03	NOV 23	NOV 26	MAY 14	MAY 14	APR 20
85 - 86	OCT 18	OCT 20	OCT 25	MAY 18	MAY 11	APR 08
86 - 87	NOV 16	NOV 21	JAN 10	MAY 15	APR 26	MAR 21
87 - 88	NOV 05	NOV 12	DEC 01	MAY 01	APR 27	APR 10
88 - 89	OCT 20	NOV 12	NOV 23	APR 19	APR 09	MAR 31
89 - 90	OCT 09	OCT 09	NOV 12	DEC 30	DEC 30	DEC 30
MEDIAN-DATE	OCT 10	OCT 29	NOV 19	MAY 12	APR 26	APR 12

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

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PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
49	WNW 62	WNW 52	W 52	NW 39	NW 32	NW 53	NW 30	NW 44	NW 45	WNW 47	ESE 56	W 65	W 65
50	NW 86	NW 75	ENE 41	NW 73	NW 42	NNW 41	NE 32	NNE 36	WNW 55	SE 54	N 63	NW 57	NW 86
51	NW 57	NW 46	NW 41	SE *47	ENE 40	ENE 24	WNW 29	VAR 28	NE 43	SE 50	NNE 56	NW 43	NW *57
52	WNW 73	WNW 54	WNW 60	WNW 43	NE 39	NW 40	E 43	NW 36	NE *45	SE *48	E *49	NW 59	WNW*73
53	WNW 58	E 46	WNW 53	NE 37	WSW 46	WNW 47	W 27	NW 45	S *36	NW 45	NW 46	NW 46	WNW*58
54	NW 63	ESE 50	SE *43	NW *44	NNE 37	NE 34	S *23	NW 39	W 29	SE 49	NNE 43	WNW 54	NW *63
55	S 39	WNW 59	WNW 54	WNW 56	ESE 36	W 38	NW 22	E 38	WNW 37	ESE 57	W 57	WNW 56	WNW 59
56	NW 75	WNW 65	WNW 62	SE 60	E 41	SE 26	NNE 32	NNE 43	W 50	WNW 53	WNW 72	NNE 47	NW 75
57	NW 50	W 53	SSE 44	ESE 46	NE 37	ENE 34	NW 28	NW 40	NE 45	NNE 44	WNW 57	NW 54	WNW 57
58	SE 51	NE 49	NW 64	NE 50	S 38	SE 27	E 21	NW 32	ENE 36	NW 70	NW 64	NW 52	NW 70
59	ENE 57	NW 66	WNW 69	SSE 44	NNE 36	NW 40	NW 29	W 51	WNW 51	NNE 53	ESE 50	NW 50	WNW 69
60	NW 56	NE 48	NW 57	NW 52	NE 39	NW 46	NNE 29	NW 50	WNW 42	NNE 72	W 59	S 53	NNE 72
61	SE 47	WNW 58	WNW 55	NW 50	E 25	NNW 27	NW 33	NNW 25	W 41	WNW 58	WNW 55	NNW 66	NNW 66
62	NW 46	ENE 32	W 39	W 61	W 33	N 32	E 27	WSW 33	W 43	N 53	N 42	WSW 52	W 61
63	W 55	W 50	WSW 73	WSW 45	WSW 40	ENE 36	WSW 32	NNE 33	WNW 38	WNW 45	W 38	NE 50	WSW 73
64	W 62	WSW 50	W 49	W 63	W 44	N 28	W 31	W 40	W 36	SSW 46	W 49	WNW 61	W 63
65	W 44	WNW 46	NE 37	WNW 58	WNW 51	NNE 42	NNE 39	SSW 38	NW 34	W 66	WSW 48	NW 52	W 66
66	NW 44	W 73	WNW 52	WNW 36	WNW 41	NE 28	E 33	N 35	NE 45	WNW 59	WNW 41	NNW 65	W 73
67	WNW 59	WNW 41	NW 45	WNW 57	NE 36	NE 25	WNW 33	NNE 35	ENE 42	SE 42	WNW 74	NW 76	NW 76
68	NW 51	NW 38	ESE 42	SE 46	NW 39	NNE 37	E 30	E 31	E 44	WNW 54	E 63	WSW 65	WSW 65
69	NW 56	NNE 48	NW 38	WNW 37	E 38	ESE 29	WNW 38	NNE 52	N 39	E 43	NW 55	ENE 51	NW 56
70	NW 39	NE 56	SE 38	NW 46	NNE 47	ENE 31	ESE 27	WNW 28	NE 42	WNW 63	NNE 62	WNW 55	WNW 63
71	W 58	*	NNE*20	NNE*20	N *37	NNE*19	NNE*24	NNE*27	E *42	N *38	ENE*33	NNE*33	W *58
72	ENE*41	ENE*47	ENE*39	E *27	ENE*25	NE *24	ENE*27	ENE*22	ENE*43	ENE*45	N *49	ENE*35	N *49
73	NW 63	SE 40	NW 36	E 35	NE 44	N 30	NE 27	NE 37	E 37	NW *40	NW 54	NE 42	NW *63
74	NW 50	NW 56	NW 56	NE 42	SE 27	N 39	NW 23	NE 28	NE 32	NW 50	W 57	NW 46	W 57
75	W 54	NW 42	NW 49	NW 53	E 38	E 40	NE 45	NW 48	S 35	NE 42	NW 49	NE 49	W 54
76	E 36	NW 58	NW 41	NW 44	NE 41	NE 30	E 29	E 38	SE 48	NW 40	NE 47	NE 49	NW 58
77	E 44	E 42	N 66	E 38	SE 28	NE 31	N 30	NE 31	NW 51	NE 48	W 38	NW 52	N 66
78	NE 46	NW 56	E 44	NW 38	E 41	NW 25	NE 29	NW 30	W 48	S 38	SE 50	NW 58	NW 58
79	W 43	NW 54	NW 46	SE 39	NE 34	NW 38	NW 38	E 26	E 43	E 39	E 54	NW 46	NW 54
80	N 50	NW 40	SE 43	N 40	NE 40	SW 30	NW 29	NW 33	NE 40	SE 52	NW 50	NW 41	SE 52

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 1901-8912  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
81	NW 48	NW 40	E 48	NW 35	W 36	NE 37	NW 40	NW 44	NE 53	NW 51	NE 55	E 52	NE 55
82	NW 61	NW 48	NW 50	NW 46	NE 43	NW 33	E 32	NE 35	E 34	NW 60	NE 46	NE 50	NW 61
83	NW 49	NE 40	NW 40	E 48	NE 41	NW 30	N 37	NW 32	NW 56	NW 50	NW 52	NW 43	NW 56
84	NE 51	NW 58	E 40	NW 51	NW 36	N 40	NW 45	NW 58	E 44	E 53	SE 50	NW 56	NW 58
85	SE 53	NW 56	NW 55	NW 46	N 48	NE 43	NE 35	NE 35	SE 45	NW 61	NW 51	SE 47	NW 61
86	NE 50	E 43	E 40	NW 46	W 51	E 38	NW 40	E 43	NW 68	NE 41	NW 52	NE 50	NW 68
87	W 52	NE 46	E 41	N 48	N 35	NE 45	NW 32	N 31	SE 41	E 42	SE 38	NW 46	W 52
88	N 45	SE 47	SE 51	E 58	NE 27	NW 34	NE 30	NW 32	NE 40	N 46	NE 45	NW 49	E 58
89	NE 51	N 46	NW 71	NE 31	NW 47	NE 42	NW 34	E 39	N 47	NW 59	NW 50	NE 60	NW 71
GREATEST	NW 86	NW 75	WSW 73	NW 73	WNW 51	NW 53	NE 45	NW 58	NW 68	NNE 72	WNW 74	NW 76	NW 86
TOTAL OBS	1237	1101	1193	1160	1215	1172	1202	1214	1163	1210	1180	1220	14267

THE PEAK WIND OF 86 FROM NW OCCURRED ON 01/04/50

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH  
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	.3	3.9	7.2	11.9	14.1	16.9	16.3	12.3	12.0	4.5	.6	28.8	28.0	1237
FEB	.1	2.9	7.3	13.1	18.4	18.3	13.5	11.4	11.1	3.5	.4	27.8	27.0	1101
MAR	.1	2.4	7.5	16.9	20.9	18.0	14.6	8.5	7.8	2.9	.3	26.4	25.0	1193
APR	.0	2.0	10.3	20.7	22.2	16.3	12.9	8.6	5.5	1.4	.1	24.8	23.0	1160
MAY	.1	2.1	15.1	28.7	23.7	16.7	6.8	4.6	2.1	.2	.0	21.3	20.0	1215
JUN	.2	5.1	24.5	30.4	20.1	10.2	5.5	2.3	1.7	.1	.0	19.0	18.0	1172
JUL	.3	9.1	30.2	31.7	17.9	7.0	2.7	.6	.5	.0	.0	16.8	16.0	1202
AUG	.3	8.9	21.8	28.8	21.0	10.8	4.4	2.2	1.2	.5	.0	18.6	18.0	1214
SEP	.2	5.6	16.8	23.0	20.2	14.4	9.0	5.8	4.2	.6	.1	22.0	21.0	1163
OCT	.2	3.3	11.9	14.5	18.7	15.9	14.4	9.4	8.2	3.3	.2	26.1	25.0	1210
NOV	.2	1.9	8.0	12.2	16.9	17.9	16.7	10.4	10.8	4.8	.2	28.5	28.0	1180
DEC	.2	2.4	8.0	9.4	16.7	16.7	17.3	12.3	12.4	4.1	.5	28.9	29.0	1220
ANNUAL	.2	4.1	14.1	20.1	19.2	14.9	11.2	7.4	6.4	2.2	.2	24.1	22.0	14267



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.9	1.0	.3	.1	.1	.1					3.2	10.7	10.0
020-040	.4	.6	.9	.1	.9	.3	.1					3.4	14.8	13.5
050-070	.1	1.5	1.5	2.0	1.9	1.7	.6					9.2	18.1	18.5
(E) 080-100	.1	.1	1.0	1.5	1.5	.7	.6					5.4	19.6	19.5
110-130	.4	1.1	2.9	2.2	1.3	1.2						9.3	15.2	15.0
140-160	.6	1.0	2.6	1.0	.1	.1						5.4	11.0	11.0
(S) 170-190	.6	2.5	.7	.2								3.9	7.8	7.0
200-220	.7	2.7	.8	.1								4.2	7.1	6.5
230-250	1.5	3.2	.6									5.3	6.5	6.0
(W) 260-280	.9	4.4	1.8	.1	.1							7.3	7.7	6.0
290-310	2.1	9.8	4.9	4.1	1.9	1.1	.1					24.1	11.4	10.0
320-340	.8	3.7	6.9	3.7	2.0	.3	.2					17.7	13.0	12.0
VARIABLE														
CALM	////////////////////											1.8	////////	
TOTALS	8.9	31.5	25.6	15.3	9.8	5.5	1.7					100.0	12.1	11.0

TOTAL NUMBER OF OBSERVATIONS 895

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	1.4	1.0		.2	.1						2.9	9.9	8.0
020-040	.2	.5	.6	.6	1.0	.1						3.1	14.7	16.0
050-070	.2	1.0	1.4	.9	2.8	1.1	.5	.1				8.0	18.6	20.0
(E) 080-100		.3	.9	1.6	1.4	1.0	.4	.2				5.8	20.2	20.0
110-130	.3	1.8	2.6	2.1	2.3	.9	.4	.2				10.6	16.4	16.0
140-160	.3	1.5	2.4	.8	.3	.1						5.4	11.7	11.5
(S) 170-190	.8	1.3	1.0									3.0	7.2	6.0
200-220	1.1	2.3	1.0	.2								4.5	7.4	7.0
230-250	1.4	4.2	.8	.1								6.5	6.3	5.0
(W) 260-280	1.7	5.3	1.2	.2	.5	.1						9.1	8.0	6.0
290-310	1.7	8.8	4.2	3.0	2.5	1.2	.2					21.6	11.9	10.0
320-340	.5	4.3	5.4	3.9	1.2	.5	.2					16.1	12.9	12.0
VARIABLE														
CALM	////////////////////////////////////											3.1	////////////////////////////////	
TOTALS	8.4	32.7	22.5	13.4	12.2	5.1	1.7	.5				100.0	12.1	11.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	1.0	.8	.1	.2	.2						2.5	11.7	10.0
020-040	.1	.4	.2	.9	.8	.3	.1					2.9	17.5	18.5
050-070		.9	2.0	2.2	3.2	.9	.4					9.5	18.0	18.0
(E) 080-100	.3	.3	1.6	1.6	1.2	.7	.4	.4	.1			6.8	18.9	18.0
110-130	.4	1.6	2.1	1.6	1.5	.8	.7	.2	.1			9.1	16.8	16.0
140-160	.7	2.0	2.1	1.2								5.9	10.4	10.0
(S) 170-190	1.3	1.2	.8	.2								3.5	7.4	7.0
200-220	.5	1.9	.5		.1							3.1	7.8	7.0
230-250	1.1	3.0	1.6	.1								5.8	7.8	8.0
(W) 260-280	1.3	3.6	1.8	.5	.1							7.3	8.1	6.0
290-310	2.0	11.4	4.4	4.2	1.8	.2	.1					24.0	10.5	8.0
320-340	.5	3.2	5.0	3.4	1.2	.7	.1	.1				14.3	13.5	13.0
VARIABLE														
CALM	////////////////////											5.3	////////	
TOTALS	8.4	30.5	22.9	16.0	10.1	3.8	1.8	.7	.2			100.0	11.9	11.0
TOTAL NUMBER OF OBSERVATIONS 912														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.5	.7	.5	.1							2.1	11.1	10.0
020-040	.2	.1	.7	.5	1.1	.2						2.8	16.7	17.5
050-070	.2	1.1	2.2	2.5	2.4	1.2	.4					10.0	17.4	17.0
(E) 080-100	.4	.4	1.1	.9	2.1	.3	.3	.1				5.7	17.8	19.5
110-130	.3	1.7	3.2	2.1	1.7	.8	.2	.4				10.5	16.1	14.5
140-160	.9	1.7	2.0	.9	.5							6.0	10.9	10.0
(S) 170-190	.2	.9	.8	.1								2.0	8.5	7.5
200-220	1.2	2.0	1.0	.3								4.5	7.4	6.0
230-250	1.4	2.6	.5	.3	.1							5.0	7.4	6.0
(W) 260-280	2.4	5.0	.9	.4								8.7	6.6	6.0
290-310	2.1	11.1	4.7	4.5	2.0	.8						25.1	11.0	9.0
320-340	.4	3.2	5.0	3.6	1.3	.3						13.9	12.8	13.0
VARIABLE														
CALM	////////////////////////////////////											3.7	////////	
TOTALS	9.9	30.3	22.8	16.6	11.3	3.6	.9	.5				100.0	11.8	11.0

TOTAL NUMBER OF OBSERVATIONS 916

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.4	.6	.7								1.9	11.6	13.0
020-040	.6	.2	.9	.7	.4	.1	.3					3.2	15.1	14.0
050-070	.3	1.3	1.8	2.0	2.3	1.0	.8					9.5	17.5	18.0
(E) 080-100	.2	1.3	2.0	1.7	1.2	.7	.2					7.3	15.6	15.0
110-130	.6	2.1	1.9	2.0	2.9	.4	.4	.1				10.4	15.9	16.0
140-160	.7	2.2	3.0	.7	.8	.1	.1					7.5	11.5	10.0
(S) 170-190	.8	1.1	.9									2.8	7.5	6.0
200-220	1.3	3.7	1.3	.2								6.5	7.5	7.0
230-250	2.4	3.7	.7	.7								7.4	6.8	6.0
(W) 260-280	1.5	3.4	1.1	1.2								7.3	7.9	6.0
290-310	2.0	5.5	5.9	5.0	2.0	.2						20.6	12.0	12.0
320-340	1.0	3.8	4.8	2.2	1.3	.2						13.3	12.1	12.0

VARIABLE														
CALM	////////////////////////////////////											2.3	////////////////////////////////	
TOTALS	11.6	28.7	24.9	17.1	10.9	2.7	1.8	.1				100.0	11.9	11.0

TOTAL NUMBER OF OBSERVATIONS 904

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	1.0	1.0	.3								2.6	10.0	10.0
020-040	.1	.3		.9	.6	.8	.6	.2				3.4	22.0	21.0
050-070	.2	1.1	2.8	2.1	2.4	.6	.6	.2				10.0	17.2	16.0
(E) 080-100	.3	1.1	2.6	1.8	1.4	.6	.8					8.6	16.3	16.0
110-130	.7	1.7	2.2	1.6	1.7	.6	.2					8.6	14.5	14.0
140-160	.9	2.2	1.7	1.1	.3	.2						6.5	10.6	10.0
(S) 170-190	.9	1.4	1.3	.1	.1							3.9	8.3	8.0
200-220	1.1	3.4	1.1	.2								5.9	7.5	7.0
230-250	1.0	2.1	.7	.3	.1							4.2	7.7	6.0
(W) 260-280	.9	3.2	.9	.6	.2							5.8	8.3	6.5
290-310	1.7	8.3	4.9	4.8	2.1	.6						22.4	11.5	11.0
320-340	.6	4.6	4.8	3.7	1.6	.1	.2					15.5	12.8	12.0
VARIABLE														
CALM	////////////////////											2.8	////////	
TOTALS	8.6	30.4	24.0	17.5	10.5	3.5	2.4	.4				100.0	12.2	11.0
TOTAL NUMBER OF OBSERVATIONS 899														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.7	.9	.4								2.2	10.8	11.0
020-040	.1	.4	.7	1.3	1.6	.9	.2	.1				5.4	19.5	20.0
050-070	.1	1.3	2.0	1.6	1.5	.5	.8	.1				8.0	17.2	16.0
(E) 080-100		.5	1.0	3.2	.9	1.9	.1					7.6	18.7	18.0
110-130	.7	1.2	2.0	2.3	1.9	.2	.2					8.4	14.9	15.0
140-160	.4	2.4	1.6	.3	.4	.2						5.5	10.5	9.0
(S) 170-190	.5	2.3	1.4	.4								4.7	8.8	8.0
200-220	1.8	1.9	.8	.4								4.8	7.4	6.0
230-250	1.1	2.8	.4	.1								4.5	6.3	6.0
(W) 260-280	1.8	2.7	1.1	.3	.1							6.0	7.3	6.0
290-310	2.2	11.3	6.9	3.5	2.2	.8	.2					27.1	11.0	10.0
320-340	.5	3.4	4.7	3.1	1.8	.3	.1					13.9	13.2	13.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////	
TOTALS	9.4	30.9	23.5	16.9	10.4	4.8	1.6	.2				100.0	12.2	11.0

TOTAL NUMBER OF OBSERVATIONS 913

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.7	.9	.5	.2	.1						2.7	12.0	10.0
020-040		.1	.5	1.2	1.2	.9	.2	.1				4.3	20.2	20.0
050-070	.4	.5	1.6	1.1	1.1	.9	.5					6.2	17.1	17.0
(E) 080-100	.4	.3	1.4	2.0	2.0	1.0	.7					7.8	18.3	18.0
110-130	.2	1.1	2.5	2.9	1.7	.5	.3					9.4	16.3	16.5
140-160	.2	1.4	2.0	.8								4.9	9.6	10.0
(S) 170-190	.8	2.4	1.0	.5	.1							4.8	8.7	8.0
200-220	1.5	2.3	1.2									5.0	6.8	6.5
230-250	.8	2.4	.5	.3								4.0	7.5	7.0
(W) 260-280	1.4	5.3	1.0	.4	.2							8.4	7.6	6.0
290-310	2.8	10.6	4.8	4.9	2.5	.4	.4	.2	.1			26.9	11.7	9.5
320-340	.8	3.9	4.8	2.7	1.2	.3	.1	.1				14.0	12.5	12.0

VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	10.2	31.0	22.2	17.3	10.2	4.1	2.2	.4	.1			100.0	12.3	11.0

TOTAL NUMBER OF OBSERVATIONS 916



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	.3	.8	.8	.4	.1	.1	.0					2.5	10.9	10.0
020-040	.2	.3	.6	.8	.9	.5	.2	.1				3.6	17.8	18.0
050-070	.2	1.1	1.9	1.8	2.2	1.0	.6	.1				8.8	17.7	18.0
(E) 080-100	.2	.6	1.4	1.8	1.5	.8	.4	.1	.0			6.9	18.0	18.0
110-130	.5	1.6	2.4	2.1	1.9	.7	.3	.1	.0			9.5	15.8	16.0
140-160	.6	1.8	2.2	.8	.3	.1	.0					5.9	10.8	10.0
(S) 170-190	.7	1.6	1.0	.2	.0							3.6	8.1	7.5
200-220	1.2	2.5	1.0	.2	.0							4.8	7.4	7.0
230-250	1.3	3.0	.7	.2	.0							5.3	7.0	6.0
(W) 260-280	1.5	4.1	1.2	.5	.2	.0						7.5	7.7	6.0
290-310	2.1	9.6	5.1	4.2	2.1	.7	.1	.0	.0			24.0	11.4	10.0
320-340	.6	3.8	5.2	3.3	1.4	.4	.1	.0				14.8	12.9	12.0
VARIABLE														
CALM	////////////////////////////////////											2.8	////////////////////////////////	
TOTALS	9.4	30.8	23.5	16.3	10.6	4.3	1.7	.4				100.0	12.1	11.0

TOTAL NUMBER OF OBSERVATIONS 7279

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.2	.7	1.1	.4	.3	.1	.1				2.8	12.8	10.0
020-040	.1	.6	1.0	1.7	2.4	1.4	.6	.2			8.0	20.1	20.0
050-070	.1	2.1	3.4	4.2	6.2	2.5	1.8	.1			20.4	19.0	20.0
(E) 080-100	.2	.7	3.0	4.7	3.3	2.3	.9	.3			15.3	19.2	18.0
110-130	.1	1.8	4.7	4.6	4.6	1.5	.6	.2	.1		18.0	17.4	17.0
140-160	.5	1.3	2.7	1.6	1.0	.2					7.3	13.2	12.0
(S) 170-190	.4	.5	.8	.3							2.0	9.3	10.0
200-220	.5	.7	.1								1.2	5.5	5.0
230-250	.6	1.0	.1	.1							1.8	5.9	5.0
(W) 260-280	.4	.5	.2	.1							1.1	6.3	5.0
290-310	1.4	2.8	1.9	2.1	1.8	.5	.1				10.5	12.8	12.0
320-340	.3	2.5	3.5	1.6	1.5	.6	.1	.1			10.1	13.8	12.0
VARIABLE													
CALM	////////////////////////////////////										1.5	////////////////////////////////	
TOTALS	4.8	15.2	22.5	21.4	21.1	9.1	4.2	.9	.1		100.0	16.0	16.0

TOTAL NUMBER OF OBSERVATIONS 1927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.0	.5	.1								1.9	8.1	7.0
020-040	.1	.7	.4	.6	.8	.2	.2	.1				3.2	16.9	17.0
050-070	.2	1.3	1.6	1.2	1.1	.6						6.0	15.0	14.0
(E) 080-100	.2	.5	1.7	.7	2.3	1.0	.2					6.6	17.9	20.0
110-130	.4	1.7	2.5	2.8	2.9	1.1		.1				11.4	16.1	16.0
140-160	.4	2.8	1.2	.5								4.8	8.9	8.0
(S) 170-190	.7	1.7	.5									2.9	7.0	7.0
200-220	.7	1.6	1.2	.2								3.7	8.1	8.0
230-250	1.6	3.6	.5	.1								5.8	6.1	6.0
(W) 260-280	1.7	4.6	.1	.4								6.7	6.4	6.0
290-310	1.7	13.1	7.2	3.7	2.6	.8	.2					29.4	11.2	9.0
320-340	.8	3.7	6.5	2.3	2.0	.6	.1	.1				16.2	13.0	12.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	8.9	36.3	23.9	12.6	11.7	4.3	.7	.3				100.0	11.8	10.0

TOTAL NUMBER OF OBSERVATIONS 832

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		1.1	1.0	.1	.1							2.3	10.3	11.0
020-040	.1	.1	.6	.5	.5		.1	.1				2.0	17.2	17.0
050-070	.1	2.2	1.7	1.7	1.2	.8						7.7	14.7	14.0
(E) 080-100	.1	.5	1.1	.8	1.8	.8	.2					5.4	18.4	20.0
110-130	.2	2.0	2.3	2.2	1.9	.8	.1					9.6	15.2	15.0
140-160	.7	2.3	1.0	.7	.2	.1						5.0	9.6	8.0
(S) 170-190	.1	1.8	.5	.2								2.6	8.0	7.0
200-220	.7	2.0	.5	.2								3.5	7.1	6.0
230-250	1.7	3.7	.2	.1								5.7	6.0	5.0
(W) 260-280	1.6	6.5	.5		.2							8.7	6.4	6.0
290-310	1.6	12.4	6.8	3.0	2.4	.5	.1					26.8	10.7	9.0
320-340	.8	4.7	7.9	3.0	1.6	1.0	.1					19.0	12.7	12.0
VARIABLE														
CALM	////////////////////////////////////											1.7	////////	
TOTALS	7.7	39.3	24.1	12.5	9.9	4.0	.6	.1				100.0	11.3	10.0

TOTAL NUMBER OF OBSERVATIONS 836

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.8	.7	.2								2.1	8.9	8.5
020-040	.1	.1	.6	.5	.6	.1	.1					2.1	16.6	16.0
050-070	.2	.7	2.6	1.3	1.0	.6	.1					6.5	15.0	14.0
(E) 080-100	.2	.8	.8	1.1	1.8	.7	.2					5.7	17.4	18.5
110-130	.4	2.1	2.5	1.4	1.7	1.0	.1					9.2	14.7	13.0
140-160	.4	1.5	1.5	.6	.5	.1						4.6	11.7	10.0
(S) 170-190	.7	2.0	.4	.4	.1							3.6	7.7	6.0
200-220	1.2	2.4	1.1	.2								4.9	7.6	7.0
230-250	2.9	3.1	.8									6.8	5.6	5.0
(W) 260-280	2.1	4.5	.6	.2	.1							7.6	6.4	5.5
290-310	2.3	13.4	5.9	4.3	2.0	.7	.6	.1				29.4	11.0	9.0
320-340	.1	4.6	6.2	3.8	.8	.2	.1					15.9	12.5	12.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////	
TOTALS	11.0	36.0	23.7	14.0	8.6	3.4	1.2	.1				100.0	11.1	10.0

TOTAL NUMBER OF OBSERVATIONS 841

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.5	.5	.1		.1						1.4	10.6	9.5
020-040	.1	.5	.5	.4	.7	.2	.2					2.6	16.7	16.0
050-070	.7	1.0	1.6	2.0	.4	.4						6.0	13.2	14.0
(E) 080-100		.8	.7	1.7	1.2	.1	.5					5.0	17.0	18.0
110-130	.6	3.0	2.6	1.4	.8	.8	.2					9.6	13.2	11.5
140-160	.4	2.5	2.6	1.3								6.8	10.4	10.0
(S) 170-190	.8	1.4	1.2	.2	.1							3.8	8.5	6.0
200-220	1.6	1.6	1.0	.2								4.3	7.2	6.5
230-250	2.5	3.7	1.2	.2								7.7	6.5	5.0
(W) 260-280	1.8	3.9	.2	.1	.1							6.2	5.8	5.0
290-310	2.4	8.6	7.5	4.9	2.5	.5	.1	.1				26.7	11.8	12.0
320-340	1.3	4.7	5.7	4.3	1.3	.4	.2					17.9	12.4	12.0
VARIABLE														
CALM	////////////////////											1.9	////////	
TOTALS	12.4	32.2	25.3	16.8	7.1	2.5	1.2	.1				100.0	11.1	10.0

TOTAL NUMBER OF OBSERVATIONS 836

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.6	.6	.1		.1						1.8	9.5	8.0
020-040	.1	1.0	.1	.4	.7	.4	.1					2.8	15.9	17.0
050-070	.8	1.6	2.5	1.7	1.4	.6						8.7	13.7	13.0
(E) 080-100	1.0	1.7	1.6	.8	1.3	.2	.2					6.9	13.2	12.0
110-130	1.4	2.5	3.3	1.7	1.7	.8	.1					11.6	13.0	12.0
140-160	1.0	2.2	2.3	.7	.1							6.3	9.4	9.5
(S) 170-190	2.1	1.2	1.1	.4								4.7	7.1	5.0
200-220	1.9	2.7	2.3	.2								7.1	7.6	7.0
230-250	2.1	2.1	1.2	.1								5.4	6.8	6.0
(W) 260-280	1.1	1.1	.7	.4								3.3	7.7	6.0
290-310	1.1	3.6	5.9	6.3	2.3	1.0	.6	.1				20.9	14.3	14.0
320-340	.7	3.9	6.9	3.4	1.8	.4	.2	.1				17.4	13.4	13.0
VARIABLE														
CALM	////////////////////////////////////											3.1	////////	
TOTALS	13.7	24.2	28.5	16.2	9.3	3.5	1.2	.2				100.0	11.6	11.0

TOTAL NUMBER OF OBSERVATIONS 828

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.7	.5	.4	.2							2.1	10.8	9.0
020-040	.2	1.3	.5	.2	1.2	.1						3.6	13.7	14.0
050-070	1.1	2.6	2.8	1.8	2.1	.5						10.9	13.3	12.0
(E) 080-100	.8	3.7	1.1	.8	.8	.1	.1					7.5	10.5	8.0
110-130	1.3	3.1	3.0	1.3	1.7	.8	.4					11.5	13.2	12.0
140-160	1.1	2.4	2.1	.5	.2	.1						6.4	9.4	9.0
(S) 170-190	1.3	1.7	1.9	.1								5.0	7.8	8.0
200-220	1.1	3.6	2.0	.7								7.4	8.5	8.0
230-250	1.4	1.4	.5	.1	.1							3.6	6.8	5.0
(W) 260-280	1.1	1.3	.8	.1								3.3	7.1	6.5
290-310	.8	3.6	5.7	4.9	2.1	1.5	.6					19.2	14.7	14.0
320-340	.6	5.1	6.6	3.4	1.8	.2	.1	.2				18.1	13.0	12.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////	
TOTALS	11.2	30.5	27.5	14.3	10.2	3.3	1.2	.2				100.0	11.7	10.0

TOTAL NUMBER OF OBSERVATIONS 843



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.7	.1	.4								1.4	9.4	8.0
020-040	.6		.6	.4	.4	.1	.2					2.3	14.7	14.0
050-070	.2	1.7	2.4	1.3	2.5	.1	.1					8.4	15.0	14.0
(E) 080-100	.1	1.6	1.4	1.0	1.3	.5	.1					6.0	15.0	14.0
110-130	.2	2.5	2.8	1.2	1.7	1.6	.5					10.4	15.6	14.0
140-160	.5	2.8	2.2	.8	.1							6.4	9.8	9.0
(S) 170-190	.5	1.7	1.1									3.2	7.8	7.0
200-220	.8	2.2	1.0	.6								4.6	8.3	8.0
230-250	1.4	2.2	.7	.1								4.4	6.5	5.0
(W) 260-280	1.8	3.2	.5	.2	.4							6.1	7.3	6.0
290-310	2.4	8.0	5.5	4.4	3.0	.4	.2	.5	.1			24.6	12.4	11.0
320-340	.6	6.7	6.8	4.1	1.7	.5	.1					20.5	12.1	11.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	9.3	33.3	25.1	14.5	11.1	3.2	1.2	.5	.1			100.0	11.8	10.0

TOTAL NUMBER OF OBSERVATIONS 833

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.8	.1		.1							1.5	7.2	6.0
020-040	.4	1.0	.4	.7	.2	.1	.5					3.2	14.7	12.0
050-070	.1	1.0	2.0	1.1	1.8	.6						6.5	15.9	15.0
(E) 080-100	.5	1.2	1.8	1.1	1.3	1.1	.1					7.0	16.0	16.0
110-130	.2	1.9	2.3	2.5	2.1	1.3	.1	.1				10.6	16.1	16.0
140-160	.4	2.9	1.7	.5	.1							5.5	9.3	8.0
(S) 170-190	.2	1.1	.2									1.5	6.6	6.0
200-220	1.1	2.0	1.1	.2	.2							4.6	8.2	6.0
230-250	1.7	2.0	.2	.2	.1							4.3	6.6	5.0
(W) 260-280	1.3	4.9	1.1			.1						7.4	6.8	6.0
290-310	2.3	12.5	5.8	3.6	2.1	.7	.6	.2				27.9	11.3	9.0
320-340	.7	5.1	6.4	3.5	1.7	.7	.5	.1				18.7	13.3	12.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////	
TOTALS	9.4	36.4	23.1	13.4	9.7	4.6	1.8	.4				100.0	11.9	10.0

TOTAL NUMBER OF OBSERVATIONS 840

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		.3	.8	.5	.2	.1	.0						1.8	9.4	8.0
020-040		.2	.6	.4	.4	.6	.2	.2	.0				2.7	15.7	16.0
050-070		.4	1.5	2.2	1.5	1.4	.5	.0					7.6	14.4	14.0
(E) 080-100		.4	1.3	1.3	1.0	1.5	.6	.2					6.3	15.4	16.0
110-130		.6	2.4	2.6	1.8	1.8	1.0	.2	.0				10.5	14.6	14.0
140-160		.6	2.4	1.8	.7	.2	.0						5.7	9.8	9.0
(S) 170-190		.8	1.6	.9	.2	.0							3.4	7.6	6.0
200-220		1.1	2.2	1.3	.3	.0							5.0	7.9	7.0
230-250		1.9	2.7	.7	.1	.0							5.5	6.3	5.0
(W) 260-280		1.6	3.8	.6	.2	.1	.0						6.2	6.6	6.0
290-310		1.8	9.4	6.3	4.4	2.4	.8	.4	.1	.0			25.6	12.0	10.0
320-340		.7	4.8	6.6	3.5	1.6	.5	.2	.1				18.0	12.8	12.0
VARIABLE															
CALM		////////////////////////////////////										1.7	////////////////////////////////		
TOTALS		10.4	33.5	25.2	14.3	9.7	3.6	1.2	.2				100.0	11.5	10.0

TOTAL NUMBER OF OBSERVATIONS 6689

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.1	.6	.3	.1		.1					1.2	10.3	8.0
020-040	.3	1.0	.5	1.0	2.0	.6	.3	.1			5.7	17.7	20.0
050-070	.3	2.9	4.2	3.7	4.0	1.7	.1				16.8	15.9	16.0
(E) 080-100	.1	2.6	3.6	2.3	4.7	2.0	.6				16.0	17.4	18.0
110-130	.4	3.8	6.1	4.2	4.7	2.9	.6	.1			23.1	16.3	16.0
140-160	.4	2.9	3.7	1.6	.4	.1					9.1	11.4	11.0
(S) 170-190	.6	.6	.7	.2	.1						2.1	8.8	8.0
200-220	.8	.6	.4	.2							2.0	7.1	5.5
230-250	1.0	1.7	.1								2.7	5.2	5.0
(W) 260-280	.9	1.1	.1								2.1	5.1	5.0
290-310	1.2	3.1	1.7	1.2	1.2	.8	.1				9.2	12.3	10.0
320-340	.5	3.1	2.3	1.5	.6	.3	.3	.1			8.7	12.5	10.5
VARIABLE													
CALM	////////////////////////////////////										1.3	////////	
TOTALS	6.6	24.0	23.7	16.0	17.7	8.5	2.0	.3			100.0	14.2	13.0

TOTAL NUMBER OF OBSERVATIONS 1561

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.8	.9	.4	.1							3.7	9.2	8.0
020-040	.3	.6	1.6	.6								3.0	11.1	12.0
050-070	.4	.7	3.9	3.4	1.3	.4	.1					10.3	15.2	15.0
(E) 080-100	.2	1.0	1.7	2.5	.2		.1					5.7	13.3	14.0
110-130	.2	3.6	1.6	2.2	2.2	.6	.4					10.9	14.8	15.0
140-160	.4	2.9	1.5	.8	.2							5.8	9.7	8.0
(S) 170-190	.8	2.1	.9	.4								4.3	8.3	8.0
200-220	.8	1.7	.9									3.4	6.7	6.0
230-250	.8	3.5	.3	.2								4.8	6.6	6.0
(W) 260-280	1.2	4.3	.3	.3	.2							6.4	7.2	6.0
290-310	2.1	12.6	6.4	2.7	1.5	.3	.4					26.0	10.1	8.0
320-340	1.1	4.8	4.3	1.7	1.2	.6	.1					13.8	11.6	10.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	8.7	39.6	24.3	15.2	6.9	1.9	1.1					100.0	10.8	10.0

TOTAL NUMBER OF OBSERVATIONS 892

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		1.1	.4	.1		.1						1.7	9.8	7.0
020-040	.3	.7	.8	.4	.4	.1						2.7	12.9	13.0
050-070	.4	.8	2.1	3.3	2.2	.1						8.8	15.3	16.0
(E) 080-100	.4	.7	2.1	2.3	1.0	.1	.1					6.6	14.3	15.0
110-130	.1	2.2	2.5	2.5	2.1	.8	.1					10.2	14.9	15.0
140-160	.3	2.4	1.2	1.0	.4	.1						5.4	11.1	9.5
(S) 170-190	1.1	1.3	.7	.4								3.5	7.8	7.0
200-220	1.2	1.6	.7	.1								3.6	6.5	5.0
230-250	1.5	2.9	.4									4.9	6.0	6.0
(W) 260-280	2.2	4.9	.7	.4								8.2	6.5	6.0
290-310	2.1	12.0	6.9	4.1	.9	.7	.3	.1				27.0	10.7	9.0
320-340	.7	4.8	5.2	2.0	.7	.8	.1					14.2	11.7	10.0
VARIABLE														
CALM	////////////////////////////////////											3.1	////////////////////////////////	
TOTALS	10.3	35.4	23.7	16.6	7.7	2.8	.6	.1				100.0	10.8	10.0

TOTAL NUMBER OF OBSERVATIONS 918

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	1.1	.2				.1					1.7	8.3	6.0
020-040	.1	1.1	.8	.4	.2	.6						3.2	13.4	13.0
050-070		1.3	3.2	3.0	1.3	.1						9.0	14.6	14.0
(E) 080-100	.1	1.2	2.9	2.3	1.2	.4	.1					8.4	14.8	14.0
110-130	.4	1.4	2.2	2.8	1.6	.8	.1					9.4	15.4	15.5
140-160	.6	2.1	.9	.9	.2							4.7	9.9	8.0
(S) 170-190	1.0	1.2	.4	.2								2.9	6.8	5.5
200-220	.9	2.3	.7	.3								4.2	7.3	6.5
230-250	1.1	2.8	1.2	.1								5.2	7.1	6.0
(W) 260-280	1.6	7.1	.6	.6	.1							9.9	6.8	6.0
290-310	2.0	9.6	7.8	3.7	1.3	.4	.3		.1			25.3	11.3	10.0
320-340	.4	3.8	6.4	1.0	1.1	.2	.3					13.3	11.9	11.0
VARIABLE														
CALM	////////////////////////////////////											2.8	////////////////////////////////	
TOTALS	8.4	35.0	27.3	15.3	7.0	2.5	.9		.1			100.0	11.0	10.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.5	.7	.1								1.6	8.7	8.0
020-040	.2	.4	1.1	1.4	.2		.1					3.5	14.0	14.5
050-070	.1	1.3	3.3	3.9	1.0	.8						10.4	15.0	15.0
(E) 080-100	.3	.8	2.0	1.6	.5	.2	.1					5.6	14.3	14.0
110-130	.9	2.6	3.7	3.0	1.6	1.2	.7					13.7	14.9	14.0
140-160	.7	1.9	1.8	.1	.4	.3						5.1	10.7	10.0
(S) 170-190	.7	1.6	.8	.2	.2	.1						3.6	9.3	8.0
200-220	1.6	2.4	2.1	.1								6.2	7.6	7.0
230-250	1.3	2.3	1.6	.2								5.5	7.3	6.0
(W) 260-280	1.1	2.6	.4	.4	.1							4.7	7.2	5.0
290-310	1.6	6.1	6.8	5.8	1.4	1.0	.1					22.9	12.5	12.0
320-340	.2	4.2	4.9	3.4	1.0	.3	.2	.1				14.3	12.8	12.0
VARIABLE														
CALM	////////////////////////////////////											2.8	////////	
TOTALS	9.0	26.7	29.2	20.2	6.4	3.9	1.2	.1				100.0	11.8	12.0

TOTAL NUMBER OF OBSERVATIONS 914



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.9	.2	.2								1.7	7.9	6.0
020-040	.4	1.1	1.1	1.4	.3	.3						4.8	13.5	14.0
050-070	.6	3.0	2.8	2.2	1.3	.9						10.8	13.6	13.0
(E) 080-100	.8	2.1	2.4	2.3	.8	.7	.1					9.2	13.1	13.0
110-130	1.4	6.0	4.4	3.1	2.0	.9	.8	.2				18.8	13.1	11.0
140-160	.7	3.5	1.9	.7	.2	.2						7.2	9.6	8.0
(S) 170-190	.2	1.9	1.1	.3	.1							3.7	9.5	9.0
200-220	.2	2.0	2.7	.4								5.3	10.1	10.0
230-250	.6	1.3	1.0	.4								3.3	8.9	8.0
(W) 260-280	.7	.3	1.2	.4	.2							2.9	10.6	10.5
290-310	.2	3.1	7.0	6.3	1.4	.7	.3	.1				19.2	14.4	14.0
320-340	.2	2.4	6.0	2.1	.6	.3	.1	.1				11.9	13.0	12.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////////////////////////////	
TOTALS	6.3	27.6	31.8	19.8	6.9	4.0	1.3	.4				100.0	12.4	12.0

TOTAL NUMBER OF OBSERVATIONS 902

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.7	.2	.2								1.4	9.2	8.0
020-040	.4	1.2	.8	1.2	.7	.2						4.5	13.0	14.0
050-070	.4	3.7	4.4	2.7	1.1	1.1						13.5	13.5	12.0
(E) 080-100	.2	4.8	3.6	1.1	.9	.5		.2	.1			11.5	12.4	10.0
110-130	.7	5.2	4.6	2.5	2.7	1.5	.1					17.3	13.8	12.0
140-160	.3	2.5	1.5	1.1	.4							5.9	10.7	10.0
(S) 170-190	.2	1.8	1.4	.5								4.0	9.7	9.5
200-220	.5	2.4	2.5	.2								5.7	9.3	9.0
230-250	.1	1.2	1.0	.1								2.4	9.2	8.5
(W) 260-280	.2	.8	1.3	.4	.1							2.9	10.8	10.5
290-310	.4	4.0	7.1	4.6	2.1	.7	.3	.2				19.4	13.8	12.0
320-340	.1	3.1	5.3	1.5	.4	.3	.1					10.9	12.0	11.0
VARIABLE														
CALM	////////////////////////////////////											.5	////////////////////////////////	
TOTALS	3.8	31.4	33.7	16.1	8.4	4.3	.5	.4	.1			100.0	12.4	11.0

TOTAL NUMBER OF OBSERVATIONS 911

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.8	.7	.3								3.2	8.5	8.0
020-040	.3	1.0	1.2	.7	.6	.4	.2					4.5	14.4	13.5
050-070	.3	4.1	3.0	2.3	1.8	.1	.1					11.8	12.9	12.0
(E) 080-100	.6	2.1	2.9	3.5	.6	.6	.3					10.5	14.2	14.0
110-130	.6	3.0	3.0	1.9	2.1	.2	.3	.1				11.2	14.0	12.0
140-160	.9	3.3	1.1	1.2	.7							7.2	10.3	8.0
(S) 170-190	1.1	1.7	1.0	.1								3.9	7.1	6.0
200-220	.9	3.3	2.0	.1								6.3	8.2	8.0
230-250	.6	2.4	.8									3.8	7.0	6.5
(W) 260-280	1.0	1.9	.8	.4	.1							4.2	7.8	6.5
290-310	.9	5.8	7.8	2.1	1.8	.2	.3	.2	.2			19.4	12.5	11.0
320-340	.3	4.8	4.6	1.0	.4	.2						11.4	10.6	10.0
VARIABLE														
CALM	////////////////////////////////////											2.6	////////////////////////////////	
TOTALS	7.9	35.2	28.9	13.6	8.1	1.7	1.2	.3	.2			100.0	11.3	10.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	1.9	1.0	.1	.4							3.6	10.1	9.0
020-040	.2	.9	1.3	.8	.2	.1						3.5	12.1	12.0
050-070	.3	2.6	3.0	2.1	.9	.8	.1					9.8	13.3	12.0
(E) 080-100	.1	.9	2.9	2.6	1.3	.3						8.1	15.1	15.0
110-130	.3	1.3	3.0	2.1	2.0	.5	.8	.2				10.2	16.5	16.0
140-160	.4	2.7	2.0	.8	.4	.1						6.5	10.5	10.0
(S) 170-190	.5	2.1	1.6	.1								4.4	7.9	7.5
200-220	1.2	2.9	.8									4.8	6.7	6.0
230-250	1.1	2.1	1.0									4.2	6.9	6.5
(W) 260-280	.8	5.5	1.0	.3	.1							7.7	7.4	6.0
290-310	1.9	10.1	5.5	2.3	.7	.8	.3	.2	.2			22.0	11.0	8.0
320-340	.8	4.8	5.4	1.3	.4	.2	.1					13.1	10.9	10.0
VARIABLE														
CALM	////////////////////////////////////											2.2	////////	
TOTALS	7.8	37.8	28.5	12.5	6.4	2.8	1.3	.4	.2			100.0	11.0	10.0

TOTAL NUMBER OF OBSERVATIONS 911

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.2	.5	.2	.1	.0	.0					2.3	9.1	8.0
020-040	.3	.9	1.1	.9	.3	.2	.0					3.7	13.1	13.0
050-070	.3	2.2	3.2	2.9	1.4	.5	.0					10.5	14.1	14.0
(E) 080-100	.3	1.7	2.6	2.3	.8	.4	.1	.0	.0			8.2	13.9	14.0
110-130	.6	3.2	3.1	2.5	2.0	.8	.4	.1				12.7	14.5	14.0
140-160	.5	2.7	1.5	.8	.4	.1						6.0	10.3	9.0
(S) 170-190	.7	1.7	1.0	.3	.0	.0						3.8	8.4	8.0
200-220	.9	2.3	1.5	.2								5.0	8.0	8.0
230-250	.9	2.3	.9	.1								4.3	7.2	6.0
(W) 260-280	1.1	3.4	.8	.4	.1							5.9	7.5	6.0
290-310	1.4	7.9	6.9	4.0	1.4	.6	.3	.1	.1			22.6	11.9	11.0
320-340	.5	4.1	5.2	1.8	.7	.4	.1	.0				12.8	11.8	11.0
VARIABLE														
CALM	////////////////////////////////////											2.2	////////////////////////////////	
TOTALS	7.8	33.6	28.3	16.4	7.2	3.0	.9	.2	.1			100.0	11.4	10.0

TOTAL NUMBER OF OBSERVATIONS 7243

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.8	.8	.5	.2							2.4	11.1	12.0
020-040	.2	.9	2.2	2.0	1.1	.6	.1					7.0	15.6	15.5
050-070	.3	3.0	6.7	7.9	4.5	2.2	.2					24.9	16.1	16.0
(E) 080-100	.2	2.0	5.5	6.1	2.5	1.4	.5	.1	.1			18.4	16.1	16.0
110-130	.4	3.7	5.1	5.5	6.2	2.4	1.5	.1				24.8	17.3	18.0
140-160	.4	2.0	1.7	1.7	.7	.1						6.6	12.5	12.0
(S) 170-190	.6	.6	.6	.3	.1	.1						2.2	9.8	8.5
200-220	.5	.5	.2	.1								1.2	6.1	5.0
230-250	.6	.4										1.0	4.6	4.0
(W) 260-280	.7	.2										.8	4.0	4.0
290-310	.5	1.3	1.1	1.0		.5	.1	.1	.1			4.7	13.4	12.0
320-340	.4	2.1	1.2	.3	.1	.4	.3					4.9	11.6	9.0
VARIABLE														
CALM	////////////////////											1.1	////////	
TOTALS	5.0	17.5	25.1	25.4	15.4	7.7	2.7	.3	.2			100.0	15.0	15.0

TOTAL NUMBER OF OBSERVATIONS 1689

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	2.3	.2	.3								3.3	7.2	6.0
020-040	.2	.5	1.0	.2	.9	.1	.1					3.1	15.2	14.0
050-070	.2	1.4	1.4	1.1	.7	.3						5.1	13.4	13.0
(E) 080-100	.1	1.1	1.1	1.6	.2	.5		.2	.1			5.0	15.6	15.5
110-130		1.0	2.4	1.6	.8	.9	.3					7.1	15.8	15.0
140-160	.7	1.7	2.6	.3	.1							5.5	9.6	10.0
(S) 170-190	1.1	1.4	.8	.5								3.8	7.8	7.0
200-220	1.4	1.6	.7	.1								3.8	6.5	6.0
230-250	1.0	1.3	.6									2.9	6.4	6.0
(W) 260-280	1.1	4.0	.5	.2								5.8	6.6	6.0
290-310	2.3	15.0	8.1	3.8	2.7	1.0	.1					33.1	10.7	9.0
320-340	.9	8.1	6.1	2.9	1.5	.1						19.6	11.1	10.0
VARIABLE														
CALM	////////////////////											1.9	////////	
TOTALS	9.5	39.4	25.5	12.6	6.9	2.3	.5	.2	.1			100.0	10.7	10.0

TOTAL NUMBER OF OBSERVATIONS 874

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	1.6	.9	.3								2.9	9.1	8.0
020-040	.1	.3	.4	.6	.3	.2	.2					2.2	16.8	16.0
050-070	.2	.9	1.5	1.0	.8	.1	.2					4.7	14.6	14.0
(E) 080-100	.1	.7	1.9	1.8	.4	.2	.4					5.6	15.9	15.0
110-130	.3	1.1	2.1	1.2	1.0	.6	.1					6.5	14.8	14.0
140-160		1.2	1.0	.8								3.0	10.9	10.0
(S) 170-190	.9	1.9	.8	.1								3.7	7.5	7.0
200-220	1.2	1.7	.1									3.0	5.7	5.0
230-250	1.5	1.9	.6									3.9	6.0	6.0
(W) 260-280	1.7	5.6	.9	.2	.1							8.5	6.6	6.0
290-310	2.2	15.3	8.3	3.6	1.9	1.1	.2					32.7	10.4	8.0
320-340	1.0	8.4	6.8	3.5	1.1	.3						21.2	11.1	10.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////	
TOTALS	9.3	40.6	25.3	13.1	5.6	2.5	1.1					100.0	10.5	9.0

TOTAL NUMBER OF OBSERVATIONS 893



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	2.1	1.0	.8		.1						4.4	10.0	8.0
020-040	.1	.9	1.0	.2	.5	.3						3.0	13.6	12.0
050-070	.3	1.4	2.6	1.4	.7							6.3	12.4	12.5
(E) 080-100	.2	.6	1.2	1.2	.5	.3	.5					4.5	16.1	15.0
110-130	.3	1.2	1.2	1.4	1.7							5.9	14.5	15.5
140-160	.6	1.7	1.4	.5	.2							4.3	9.6	9.0
(S) 170-190	1.1	1.9	.7	.1								3.8	7.0	6.5
200-220	1.7	1.4	.5									3.5	5.4	5.0
230-250	.6	2.6	.5	.1								3.7	6.8	6.0
(W) 260-280	1.4	5.1	1.0	.2								7.7	6.5	6.0
290-310	1.8	11.4	7.9	4.5	2.3	.6	.1					28.5	11.2	10.0
320-340	.8	7.8	7.7	3.2	1.0	.6	.1					21.1	11.4	10.0
VARIABLE														
CALM	////////////////////////////////////											3.4	////////////////////////////////	
TOTALS	9.2	38.1	26.7	13.6	6.9	1.9	.7					100.0	10.4	10.0

TOTAL NUMBER OF OBSERVATIONS 888

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	1.7	.8	.6	.1	.1						3.4	10.8	8.5
020-040	.1	.9	1.5	.2	.2	.6	.1					3.6	14.3	12.0
050-070	.6	2.9	2.4	2.6	.3							8.8	11.8	11.0
(E) 080-100	.6	3.4	1.5	1.5	.3	.1	.2					7.6	10.9	9.0
110-130	1.7	2.9	2.7	3.3	1.4	.5	.2					12.7	12.6	12.0
140-160	1.2	2.6	1.4	.5								5.7	8.1	7.0
(S) 170-190	.6	2.5	1.2	.1								4.4	7.9	8.0
200-220	.9	2.1	1.2									4.3	7.3	7.5
230-250	.6	.9	1.1	.3								2.9	9.4	9.5
(W) 260-280	.7	.6	.9	.5								2.6	9.0	10.0
290-310	.1	2.6	9.2	7.6	3.1	1.2	.3					24.1	15.2	15.0
320-340	.9	4.4	7.0	3.3	2.1	.5	.1					18.3	12.7	12.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	8.1	27.5	30.9	20.5	7.5	3.0	.9					100.0	12.0	11.0

TOTAL NUMBER OF OBSERVATIONS 884

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		1.4	.7	.6	.3							2.9	11.7	10.5
020-040	.1	.9	1.1	1.1	.3		.1					3.7	13.5	13.0
050-070	.2	4.6	3.3	3.1	.8							12.0	12.0	11.5
(E) 080-100	.6	4.9	2.6	1.7	.7	.1	.2					10.7	11.2	9.0
110-130	.1	9.7	4.5	2.1	1.4	.3	.5	.5				19.1	11.9	9.0
140-160		2.8	3.2	.3								6.3	10.3	10.0
(S) 170-190	.1	.9	1.0	.3								2.4	10.4	10.0
200-220		1.0	1.4	.2								2.6	10.8	12.0
230-250		1.0	1.7	.2								2.9	10.3	10.0
(W) 260-280	.1	.9	2.0	.7	.2							4.0	11.7	11.0
290-310		2.0	8.4	6.8	2.3	1.1	.1					20.7	15.1	14.0
320-340	.3	2.3	4.7	2.9	1.2	.8	.1					12.4	14.3	14.0
VARIABLE														
CALM	////////////////////////////////////											.2	////////////////////////////////	
TOTALS	1.5	32.4	34.6	20.0	7.2	2.3	1.0	.5				100.0	12.6	12.0

TOTAL NUMBER OF OBSERVATIONS 885

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	2.3	.8	.3	.2							4.1	9.2	8.0
020-040	.2	2.2	1.9	.9	1.1							6.4	12.1	11.0
050-070	.9	4.0	3.3	1.3	.8		.2					10.5	10.8	10.0
(E) 080-100	.7	3.4	3.1	1.3	.3	.6		.3				9.7	12.1	10.0
110-130	.9	4.0	3.2	1.9	1.3	.3	.3					11.9	12.3	10.0
140-160	.6	3.1	2.2	.3								6.1	8.7	8.0
(S) 170-190	.5	2.4	.7	.7								4.2	8.5	8.0
200-220	.3	1.7	1.8									3.9	8.7	9.0
230-250		1.4	1.0	.5								2.8	9.9	10.0
(W) 260-280	.3	1.5	1.7	.5								4.0	9.8	10.0
290-310	.5	3.8	9.6	4.4	3.2	.3	.3					22.1	13.8	13.0
320-340	.7	3.2	5.7	2.3	1.4	.1						13.3	12.3	12.0
VARIABLE														
CALM	////////////////////											1.0	////////	
TOTALS	6.1	33.0	35.0	14.4	8.3	1.3	.8	.3				100.0	11.5	10.0
TOTAL NUMBER OF OBSERVATIONS 879														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	2.3	.5	.5								3.5	8.8	8.0
020-040	.3	1.7	1.1	.5	.9							4.5	11.7	10.0
050-070	.5	3.2	1.8	1.1	.9	.1	.2					7.8	12.1	11.0
(E) 080-100	.2	1.8	1.0	1.5	.6	.8		.3				6.2	15.7	15.0
110-130	.2	1.1	2.7	1.8	1.0	.3	.2					7.4	14.7	14.0
140-160	.7	2.6	1.2	.6	.1							5.2	9.2	8.0
(S) 170-190	.9	1.9	.6	.3	.1							3.8	8.1	6.0
200-220	1.0	2.3	.6									3.8	6.5	6.0
230-250	1.0	2.1	1.2									4.4	7.1	7.0
(W) 260-280	.7	2.9	.7	.2								4.5	7.2	6.0
290-310	1.0	11.0	7.4	5.0	2.8	.6	.3					28.2	11.9	11.0
320-340	.3	8.0	6.4	3.0	1.0	.2						19.0	11.3	10.0
VARIABLE														
CALM	////////////////////////////////////											1.7	////////////////////////////////	
TOTALS	7.1	40.9	25.2	14.5	7.4	2.0	.7	.3				100.0	11.0	10.0

TOTAL NUMBER OF OBSERVATIONS 888

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	1.8	.7	.5	.1	.0						3.4	9.8	8.0
020-040	.2	1.1	1.1	.7	.6	.2	.1					3.9	13.5	12.0
050-070	.4	2.8	2.7	1.7	.7	.1	.1					8.5	12.0	11.0
(E) 080-100	.4	2.7	2.0	1.5	.4	.4	.2	.1	.0			7.7	12.9	11.0
110-130	.5	3.5	3.2	2.0	1.2	.4	.3	.1				11.1	13.0	12.0
140-160	.5	2.2	1.9	.5	.1		.0					5.2	9.5	9.0
(S) 170-190	.7	1.8	.9	.3	.0							3.7	8.2	8.0
200-220	.8	1.6	1.0	.1								3.5	7.6	7.0
230-250	.6	1.5	.9	.2								3.2	8.0	7.5
(W) 260-280	.7	2.8	1.3	.3	.0	.0						5.2	8.0	7.0
290-310	1.0	7.8	8.3	5.2	2.6	.9	.2					26.0	12.6	12.0
320-340	.6	5.5	6.1	2.9	1.4	.5	.1					17.1	12.1	11.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////////////////////////////	
TOTALS	6.6	35.1	30.1	15.9	7.1	2.5	1.0	.2				100.0	11.4	10.0

TOTAL NUMBER OF OBSERVATIONS 7073

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70350C

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL	MEAN	MEDIAN	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64					
(W) 350-010	.1	2.1	.3	1.6	.6	.2						4.9	12.7	12.5	
020-040	.4	1.3	1.7	1.6	2.1	1.1	.4					8.6	16.6	17.0	
050-070	.2	3.5	5.4	4.4	3.4	.3	.3					17.5	14.7	14.0	
(E) 080-100	.3	1.9	3.1	3.7	1.5	1.9	.7	.8	.2			14.1	18.3	17.0	
110-130	.5	2.7	6.1	5.8	5.1	2.0	1.3	.3				23.8	17.2	17.0	
140-160	.5	1.8	1.9	.5	.3		.1					5.1	10.6	10.0	
(S) 170-190	.3	.7	.5	.3	.1							1.9	9.3	8.0	
200-220	.8	.4	.2									1.3	5.3	4.0	
230-250	.2	.4	.1									.7	5.6	5.5	
(W) 260-280	.5	.5	.1	.1								1.2	6.1	5.0	
290-310	.3	2.4	1.9	1.9	1.3	.8	.3					8.7	14.5	14.0	
320-340	.3	3.3	3.3	2.1	1.7	.9	.1					11.7	13.7	12.0	
VARIABLE															
CALM	////////////////////////////////////											.6	////////////////////////////////		
TOTALS	4.4	21.0	24.6	22.0	16.1	7.2	3.2	1.1	.2			100.0	15.1	15.0	

TOTAL NUMBER OF OBSERVATIONS 1188

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.2	.6		.1							2.2	8.4	8.0
020-040	.2	.2	1.2	.1	.6	.7						3.0	16.3	14.0
050-070	.3	2.9	2.8	2.3	.4							8.7	11.8	12.0
(E) 080-100	.3	.9	1.9	1.5	1.1	.3						6.1	14.8	14.0
110-130	.3	2.2	3.4	1.4	.7	.1						8.2	12.0	12.0
140-160	.9	5.0	1.4	.6								7.8	8.0	8.0
(S) 170-190	1.5	2.2	.1									3.9	5.3	5.0
200-220	1.1	1.1	.4									2.7	6.0	5.5
230-250	.6	1.3										1.9	5.3	5.0
(W) 260-280	1.1	4.1	.8									6.0	6.5	6.0
290-310	3.2	21.7	6.2	1.4	1.0	.1						33.6	8.2	7.0
320-340	.9	5.6	6.1	.4								13.0	9.3	9.5
VARIABLE														
CALM	////////////////////////////////////											3.0	////////////////////////////////	
TOTALS	10.7	48.4	24.9	7.7	3.9	1.2						100.0	9.0	8.0

TOTAL NUMBER OF OBSERVATIONS 905



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.9	.3									1.7	6.8	7.0
020-040	.5	.8	1.9	.5	.9	.3						4.9	13.4	13.0
050-070	.9	1.6	3.3	2.5	.7							8.9	12.1	12.0
(E) 080-100	.1	1.0	2.1	2.1	1.1	.5						6.9	15.5	15.0
110-130	.3	2.7	2.3	1.3	.2							6.9	10.9	11.0
140-160	.8	3.5	1.9	.4								6.5	8.6	8.0
(S) 170-190	.9	2.0	.2									3.1	5.9	5.0
200-220	1.9	1.5	.3									3.7	5.0	4.5
230-250	1.6	.3	.1									2.1	4.4	4.0
(W) 260-280	1.7	6.2	.4									8.4	6.3	6.0
290-310	2.8	19.2	5.3	1.7	1.2	.3	.1					30.8	8.7	7.0
320-340	1.0	6.7	4.0	1.2								12.9	9.2	9.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////////////////////////////	
TOTALS	13.0	46.4	22.1	9.7	4.1	1.1	.1					100.0	9.1	8.0

TOTAL NUMBER OF OBSERVATIONS 917

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	2.2	.4	.1								3.2	7.9	8.0
020-040	.7	.8	1.3	1.1	.8							4.7	12.6	12.5
050-070	1.0	1.9	4.2	1.8	.7	.1						9.7	11.7	11.0
(E) 080-100	1.0	.7	2.2	2.6	.6	.2						7.2	13.5	14.0
110-130	1.7	2.8	3.0	1.6		.1	.1					9.3	10.0	10.0
140-160	1.1	3.6	1.6	.6								6.8	8.1	7.0
(S) 170-190	1.1	2.6	.6									4.2	6.2	5.0
200-220	2.0	2.1	.8									4.9	5.8	5.0
230-250	.8	1.3	.3									2.5	5.8	5.0
(W) 260-280	2.2	3.2	.4									5.9	5.5	5.0
290-310	4.2	9.6	5.8	2.9	1.3	.3	.3					24.5	9.8	8.0
320-340	1.2	4.7	6.0	1.1	.2							13.3	9.7	10.0
VARIABLE														
CALM	////////////////////											3.8	////////	
TOTALS	17.4	35.5	26.6	11.8	3.6	.7	.4					100.0	9.1	8.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.0	.7	.7								2.7	10.2	9.5
020-040	.4	.7	2.3	1.0	.2	.3						5.0	12.8	12.0
050-070	1.7	5.3	3.6	2.4	.6							13.6	10.3	9.0
(E) 080-100	1.4	8.1	3.9	1.9	.8	.3						16.4	9.7	8.0
110-130	1.7	10.4	5.0	2.1	.6							19.7	9.3	8.0
140-160	.6	3.2	3.1	.4								7.3	9.2	9.0
(S) 170-190	.1	2.0	1.2	.1								3.4	8.9	9.0
200-220	.4	1.5	1.8	.7								4.4	9.4	10.0
230-250	.4	.9	.4	.1								1.9	7.6	7.0
(W) 260-280	.1	.8	.6	.2								1.7	9.1	8.0
290-310	.3	1.9	5.9	3.9	1.1	.6	.3					13.9	14.5	14.0
320-340	.1	3.2	4.8	.7	.4	.1						9.3	11.1	10.0
VARIABLE														
CALM	////////////////////											.9	////////	
TOTALS	7.5	39.0	33.3	14.2	3.7	1.3	.3					100.0	10.5	10.0

TOTAL NUMBER OF OBSERVATIONS 905

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		1.0	.8	.6	.1	.1						2.5	11.9	11.0
020-040		1.8	1.6	1.1	.6							5.0	12.3	11.0
050-070	.6	4.0	5.0	3.3	.6	.3						13.7	12.0	12.0
(E) 080-100	.4	8.1	7.1	2.1	1.4	.4						19.6	11.1	10.0
110-130		12.0	9.9	3.3	.2							25.4	10.2	10.0
140-160		3.1	3.3	1.1								7.5	10.4	10.0
(S) 170-190		1.9	1.4	.2								3.5	9.8	9.0
200-220	.1	1.6	2.3	.2	.1							4.3	10.4	10.0
230-250		.8	1.0									1.8	9.2	10.0
(W) 260-280	.1	.2	.8	.2								1.3	11.6	12.0
290-310	.1	.4	4.2	2.9	1.6	.4	.2					9.9	15.6	15.0
320-340	.2	.8	2.5	1.3	.2	.1						5.2	12.7	13.0
VARIABLE														
CALM	////////////////////											.1	////////	
TOTALS	1.5	35.7	39.9	16.3	4.8	1.3	.2					100.0	11.4	10.0

TOTAL NUMBER OF OBSERVATIONS 902

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.0	.6	.4								2.3	9.8	9.0
020-040	.7	1.2	2.3	.4	.7	.1						5.4	11.7	11.0
050-070	1.9	3.9	6.2	2.0	1.1							15.1	10.8	10.0
(E) 080-100	1.6	5.1	4.4	2.1	1.8	.4						15.4	11.4	10.0
110-130	2.1	7.5	6.2	2.8	.1	.1						18.8	9.6	9.0
140-160	.4	5.3	2.7	.4	.1							9.0	8.8	9.0
(S) 170-190	.8	2.5	1.1	.2								4.7	8.0	7.0
200-220	.2	2.1	2.0	.2								4.5	9.3	9.0
230-250	.1	2.0	1.1	.2								3.4	9.2	9.0
(W) 260-280	.1	.8	.9	.8								2.5	11.3	11.0
290-310	.1	1.3	5.0	2.8	.8							10.0	13.4	13.0
320-340	.1	2.8	3.1	1.0	.3							7.3	11.1	10.0
VARIABLE														
CALM	////////////////////											1.6	////////	
TOTALS	8.4	35.5	35.6	13.3	4.9	.6						100.0	10.4	10.0

TOTAL NUMBER OF OBSERVATIONS 903

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: 21-23

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.7	2.5	.3									3.5	6.5	6.0
020-040		.8	1.2	1.2	.7	.7	.2						4.7	12.0	10.0
050-070		1.0	2.8	4.4	2.1	1.0	.1						11.3	12.1	12.0
(E) 080-100		1.1	2.1	2.2	1.4	1.2	.2						8.2	11.9	12.0
110-130		.7	4.5	4.2	1.8	1.4	.1						12.7	11.7	11.0
140-160		2.0	5.5	2.0	.5								10.0	7.7	7.5
(S) 170-190		1.4	2.9	.9	.1	.1							5.4	7.1	6.0
200-220		.9	2.5	.9	.1								4.4	7.2	6.5
230-250		.8	2.1	.5									3.4	6.6	6.0
(W) 260-280		.4	1.1	.2	.2								2.0	7.8	7.5
290-310		1.7	9.2	5.2	1.4	.3	.2	.1					18.3	9.1	8.0
320-340		1.3	6.3	5.0	.7	.2							13.5	9.1	9.0
VARIABLE															
CALM		////////////////////////////////////										2.7	////////////////////////////////		
TOTALS		12.8	42.7	27.0	9.0	4.9	.8	.1					100.0	9.3	8.0

TOTAL NUMBER OF OBSERVATIONS 919

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.4	1.3	.6	.3	.0	.0					2.5	8.9	8.0
020-040	.5	.9	1.8	.7	.6	.2					4.7	12.7	12.0
050-070	1.0	3.4	4.3	2.4	.8	.1					11.9	11.5	11.0
(E) 080-100	.8	4.1	3.9	2.1	1.2	.4					12.4	11.8	11.0
110-130	.9	6.6	5.2	2.3	.4	.1	.0				15.6	10.2	10.0
140-160	.7	4.2	2.5	.6	.0						8.0	8.9	8.0
(S) 170-190	.7	2.3	.9	.1	.0						4.1	7.6	7.0
200-220	.8	1.8	1.4	.2	.0						4.1	8.1	8.0
230-250	.5	1.2	.6	.1							2.4	7.4	7.0
(W) 260-280	.7	2.1	.7	.2							3.7	7.5	7.0
290-310	1.6	8.0	5.1	2.5	1.0	.4	.1				18.7	10.5	9.0
320-340	.6	3.9	4.2	1.0	.2	.0					9.9	10.1	10.0
VARIABLE													
CALM	////////////////////										1.9	////////	
TOTALS	9.2	39.8	31.2	12.5	4.2	1.2	.1				100.0	10.0	10.0

TOTAL NUMBER OF OBSERVATIONS 7258

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	1.0	.8	.9	.1							2.9	11.7	12.0
020-040	.7	.8	2.5	1.2	2.0	.7						7.9	15.3	14.0
050-070	.7	4.8	8.9	7.2	3.2	.4						25.1	13.8	14.0
(E) 080-100	.7	3.7	7.8	8.5	5.6	1.9						28.3	15.4	15.0
110-130	.7	5.3	6.2	5.8	1.7	.3	.1					20.0	12.9	13.0
140-160	.3	2.5	2.3	.9								6.0	10.2	10.0
(S) 170-190	.4	.2										.6	4.9	4.0
200-220	.6	.4										1.0	4.7	4.0
230-250	.3	.3										.6	4.5	4.5
(W) 260-280	.1											.1	4.0	4.0
290-310	.4	1.7	.5	.1	.1	.1	.1					3.0	9.5	6.0
320-340	.3	2.7	.9									4.0	7.7	7.0
VARIABLE														
CALM	////////////////////											.5	////////	
TOTALS	5.3	23.4	29.9	24.6	12.7	3.4	.2					100.0	13.3	13.0

TOTAL NUMBER OF OBSERVATIONS 1382



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	2.1	1.3	.1								3.8	8.5	8.0
020-040	.5	1.4	2.4	2.1	.8	.3						7.4	13.7	13.0
050-070	.3	3.9	4.5	3.3	2.1							14.1	12.8	12.0
(E) 080-100	.2	2.1	2.5	2.2	1.4	.1						8.5	13.5	13.5
110-130	.8	3.5	4.3	1.9	.7	.2						11.5	11.3	11.0
140-160	.5	4.0	1.1	.5								6.1	8.3	8.0
(S) 170-190	1.1	1.7	.2	.1								3.2	6.1	5.0
200-220	.5	1.1	.3	.2								2.2	7.7	7.0
230-250	1.0	.9										1.9	4.8	4.0
(W) 260-280	1.1	5.1	.1									6.4	5.9	6.0
290-310	2.4	16.1	3.7	.8								23.0	7.3	6.0
320-340	.5	4.6	3.3	.5								8.8	8.8	8.0
VARIABLE														
CALM	////////////////////////////////////											3.2	////////////////////////////////	
TOTALS	9.2	46.5	23.7	11.7	5.0	.6						100.0	9.4	8.0

TOTAL NUMBER OF OBSERVATIONS 875

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	1.1	1.2	.3								2.8	10.0	10.0
020-040	.5	.9	2.6	1.5	.9	.5						6.8	14.0	14.0
050-070	.3	3.9	6.6	2.3	1.0	.6	.1					14.9	12.7	12.0
(E) 080-100		2.0	2.9	2.6	1.1	.3						9.0	14.3	14.0
110-130	.5	2.4	3.3	1.8	.7	.3						8.9	12.6	12.0
140-160	.7	2.7	1.0	.2	.1							4.7	8.5	8.0
(S) 170-190	1.7	1.4	.6									3.6	6.0	5.0
200-220	1.2	1.8	.1									3.2	5.8	6.0
230-250	1.7	2.9										4.6	5.1	5.0
(W) 260-280	1.4	5.4	.2									7.0	5.9	5.5
290-310	3.6	14.9	2.8	1.5	.2							23.0	7.3	6.0
320-340	.8	3.4	3.2	.9								8.2	9.4	9.0
VARIABLE														
CALM	////////////////////////////////////											3.4	////////////////////////////////	
TOTALS	12.5	42.8	24.5	11.1	4.0	1.7	.1					100.0	9.4	8.0

TOTAL NUMBER OF OBSERVATIONS 888

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	1.4	1.4	.3								3.6	9.3	9.0
020-040	.6	1.1	2.7	1.2	.9	.1						6.7	12.5	12.0
050-070	1.9	3.8	5.1	1.8	1.9	.3						14.9	11.9	11.0
(E) 080-100	2.8	3.0	4.2	2.6	1.6	.2						14.4	11.3	11.0
110-130	2.4	3.3	4.1	2.9	.2	.1						13.0	10.4	10.0
140-160	2.5	3.2	.8	.6								7.0	6.9	6.0
(S) 170-190	2.0	1.6	.5									4.1	5.1	4.5
200-220	1.6	.9	.3									2.8	5.4	4.0
230-250	1.6	1.5										3.0	4.9	4.0
(W) 260-280	1.5	1.9	.1									3.5	5.1	5.0
290-310	2.7	5.4	2.9	1.0	.2							12.3	8.2	7.0
320-340	.6	4.1	3.9	.9	.1							9.6	9.7	10.0
VARIABLE														
CALM	////////////////////////////////////											5.2	////////	
TOTALS	20.8	31.2	26.0	11.3	4.9	.7						100.0	9.0	9.0

TOTAL NUMBER OF OBSERVATIONS 887

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.9	1.2	.5								2.8	10.0	10.0
020-040		1.5	2.4	1.6	.8	.2						6.5	13.6	14.0
050-070	1.0	6.8	5.9	2.7	1.8	.2						18.5	11.3	10.0
(E) 080-100	2.8	11.0	6.5	2.2	2.4	.3						25.2	10.2	9.0
110-130	1.6	13.8	5.3	2.7	.7							24.2	9.2	8.0
140-160	.8	2.3	1.7	.2								5.0	8.8	8.5
(S) 170-190	.2	1.0	.9	.2								2.4	8.8	8.0
200-220		1.0	.6	.1								1.7	9.3	9.0
230-250	.1	.1	.1									.3	7.7	8.0
(W) 260-280	.1	.3	.6									1.0	9.8	10.0
290-310	.1	1.4	2.7	1.1	.2							5.6	11.8	11.0
320-340		2.3	3.1	.9								6.2	10.8	10.0
VARIABLE														
CALM	////////////////////////////////////											.6	////////////////////////////////	
TOTALS	6.9	42.4	31.0	12.2	5.9	.7						100.0	10.3	10.0

TOTAL NUMBER OF OBSERVATIONS 881

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.1	.6	.5								1.1	13.8	14.0
020-040	.2	.9	2.8	1.5	1.0	.5						6.9	14.3	14.0
050-070	.6	5.3	4.8	3.5	1.4	.5						16.0	12.1	11.0
(E) 080-100	1.0	11.3	11.8	2.8	1.8	.2						29.0	10.8	10.0
110-130	1.4	13.3	7.5	3.9	.9							27.0	10.1	9.0
140-160	.7	3.0	3.8	.2	.2							7.8	9.7	10.0
(S) 170-190		1.4	.7									2.0	9.3	9.0
200-220		1.0	.7	.1								1.8	10.2	9.0
230-250														
(W) 260-280	.1	.3	.2	.1								.8	9.4	8.0
290-310		.5	1.5	.7	.1							2.7	13.0	13.0
320-340		.7	2.6	1.0	.1							4.4	12.4	13.0
VARIABLE														
CALM	////////////////////////////////////											.2	////////////////////////////////	
TOTALS	4.0	37.8	37.0	14.3	5.5	1.2						100.0	11.1	10.0

TOTAL NUMBER OF OBSERVATIONS 879

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.6	.8	.1								1.7	9.9	10.0
020-040		1.8	2.2	1.7	.7	.7						7.1	14.1	14.0
050-070	.8	5.8	5.9	4.1	1.9	.2						18.8	12.3	12.0
(E) 080-100	1.7	11.8	10.0	3.0	1.4	.2						28.1	10.1	10.0
110-130	1.3	11.5	7.7	3.6	1.3	.2						25.6	10.5	10.0
140-160	.3	3.1	3.5	.5								7.4	9.4	10.0
(S) 170-190		1.5	1.4									2.8	9.2	9.0
200-220	.2	.7	.9	.1								1.9	9.2	10.0
230-250	.1	.2	.3	.2								.9	10.6	11.0
(W) 260-280			.1									.1	13.0	13.0
290-310		.1	1.7	1.5	.2							3.5	14.2	13.0
320-340		.2	1.1	.3	.2							1.9	13.4	13.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	4.6	37.3	35.6	15.1	5.7	1.3						100.0	11.0	10.0

TOTAL NUMBER OF OBSERVATIONS 879

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.1	.9	.8	.1								1.9	9.2	8.0
020-040	.7	2.6	2.5	1.5	.5	.2	.1					8.1	11.5	11.0
050-070	1.8	9.0	6.7	3.8	1.7	.1						23.1	10.8	10.0
(E) 080-100	1.5	7.6	6.9	3.5	.8	.1						20.5	10.7	10.0
110-130	1.9	7.2	5.2	2.6	1.1	.3						18.4	10.5	10.0
140-160	.9	3.6	3.3	.1								8.0	8.6	8.5
(S) 170-190	.5	1.8	1.3									3.5	7.7	8.0
200-220	.6	1.3	.7	.1								2.6	8.0	8.0
230-250	.2	1.7	1.0									3.0	8.5	9.0
(W) 260-280	.1	.5	.3									.9	7.9	7.5
290-310		.8	2.4	.9								4.1	11.8	11.0
320-340		1.3	2.2	.8	.2							4.4	11.8	12.0
VARIABLE														
CALM	////////////////////////////////////										1.6	////////////////////////////////		
TOTALS	8.3	38.3	33.3	13.4	4.3	.7	.1					100.0	10.2	10.0

TOTAL NUMBER OF OBSERVATIONS 880

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	1.1	.6	.2								2.7	8.1	8.0
020-040	1.1	2.2	2.6	1.6	.8	.3						8.6	11.8	11.0
050-070	.9	5.7	6.0	2.7	2.3	.1						17.7	12.1	12.0
(E) 080-100	1.3	4.1	3.3	2.8	1.1	.3						13.0	11.8	10.5
110-130	1.1	4.2	3.5	1.5	1.0	.1	.1					11.6	11.0	10.0
140-160	1.6	5.5	1.6	.1								8.7	7.4	8.0
(S) 170-190	1.3	3.1	.7									5.0	6.2	6.0
200-220	.6	2.4	.5		.1							3.5	7.2	7.0
230-250	.7	1.8	.2									2.7	6.3	5.5
(W) 260-280	.7	1.8	.3									2.8	6.4	6.0
290-310	1.5	6.5	3.0	.5								11.4	8.0	7.0
320-340	.8	3.4	3.6	.7								8.5	9.4	10.0
VARIABLE														
CALM	////////////////////////////////////											3.6	////////////////////////////////	
TOTALS	12.4	41.8	25.9	10.1	5.3	.8	.1					100.0	9.5	9.0

TOTAL NUMBER OF OBSERVATIONS 880



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	.3	1.0	1.0	.3								2.6	9.5	9.0
020-040	.4	1.5	2.5	1.6	.8	.4	.0					7.2	13.1	13.0
050-070	1.0	5.5	5.7	3.0	1.8	.3	.0					17.2	11.9	11.0
(E) 080-100	1.4	6.6	6.0	2.7	1.4	.2						18.4	11.1	10.0
110-130	1.4	7.4	5.1	2.6	.8	.2	.0					17.5	10.4	9.5
140-160	1.0	3.4	2.1	.3	.0							6.8	8.4	8.0
(S) 170-190	.9	1.7	.8	.0								3.3	7.0	6.0
200-220	.6	1.3	.5	.1	.0							2.5	7.5	7.0
230-250	.7	1.1	.2	.0								2.1	6.2	5.0
(W) 260-280	.6	1.9	.3	.0								2.8	6.2	6.0
290-310	1.3	5.7	2.6	1.0	.1							10.7	8.5	7.0
320-340	.3	2.5	2.9	.8	.1							6.5	10.1	10.0
VARIABLE														
CALM	////////////////////////////////////											2.2	////////////////////////////////	
TOTALS	9.9	39.6	29.7	12.4	5.0	1.1						100.0	10.0	9.0

TOTAL NUMBER OF OBSERVATIONS 7049

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)													%	WIND	WIND
(N) 350-010		.2	1.0	1.7	.6								3.4	10.9	10.0
020-040		.2	1.5	4.4	3.0	1.7	.6						11.5	14.7	14.0
050-070		.4	4.7	13.3	6.8	6.4	.9	.1					32.6	14.6	14.0
(E) 080-100		.2	4.3	10.7	6.4	5.1	1.0						27.7	14.6	14.0
110-130		.3	3.6	4.9	5.5	2.8	.6	.1					17.8	14.4	15.0
140-160		.2	1.0	1.0	.5								2.8	10.4	10.0
(S) 170-190		.2	.5	.3	.1								1.0	8.4	7.0
200-220		.3	.1										.3	4.0	4.0
230-250		.1	.1	.1									.2	6.3	6.0
(W) 260-280		.1	.1										.1	4.5	4.5
290-310		.1	.6										.6	6.1	5.0
320-340		.2	1.0	.1									1.3	6.8	7.0
VARIABLE															
CALM		////////////////////////////////////											.6	////////////////////////////////	
TOTALS		2.5	18.5	36.5	22.9	16.0	3.1	.2					100.0	13.9	14.0

TOTAL NUMBER OF OBSERVATIONS 1732

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: 00-02

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.2	1.0	.4	.1								2.8	6.4	6.0
020-040		.9	1.8	1.0	.8	.4							4.9	9.9	8.5
050-070		1.6	4.0	3.9	1.0	.1							10.6	9.1	9.0
(E) 080-100		.8	3.2	.7	.8	.6	.1						6.1	9.6	7.0
110-130		2.0	3.0	2.2	.4	.3							8.0	8.4	7.5
140-160		1.2	1.9	.7									3.8	6.7	6.5
(S) 170-190		1.3	1.9	.2	.1								3.6	6.1	5.5
200-220		1.7	.4	.6	.2								2.9	6.3	4.0
230-250		2.1	.8	.2									3.1	4.6	4.0
(W) 260-280		2.7	6.9	.2									9.8	5.6	6.0
290-310		5.0	17.0	4.3	1.0	.2							27.6	7.2	6.0
320-340		1.7	5.7	2.8	.8								10.9	8.2	7.0
VARIABLE															
CALM		////////////////////////////////////											6.1	////////	
TOTALS		22.2	47.6	17.2	5.2	1.6	.1						100.0	7.1	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.0	.5			.1						2.5	7.4	7.0
020-040	1.2	1.0	.8	.1	.2							3.3	8.4	7.5
050-070	1.6	3.0	4.6	1.3	.2							10.8	9.7	10.0
(E) 080-100	.9	2.5	1.6	.5	.1							5.7	8.8	7.5
110-130	.7	2.6	1.6	.8								5.7	9.3	8.0
140-160	1.3	2.0	.2	.1								3.6	6.1	5.0
(S) 170-190	1.4	2.2	.1									3.7	5.6	5.0
200-220	2.6	2.3	.7	.2								5.8	5.9	5.0
230-250	2.0	2.2	.3									4.5	5.3	5.0
(W) 260-280	2.4	8.5	.4									11.3	5.9	6.0
290-310	5.3	14.9	4.3	1.8	.3	.1						26.7	7.5	6.0
320-340	1.5	5.0	3.2	.4								10.2	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											6.1	////////	
TOTALS	21.8	47.2	18.3	5.2	.8	.2						100.0	7.1	6.0

TOTAL NUMBER OF OBSERVATIONS 911

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.9										1.4	5.2	5.0
020-040	.6	1.2	.8	.3	.2							3.1	9.9	8.0
050-070	2.8	2.8	3.5	1.0	.1							10.1	8.7	9.0
(E) 080-100	2.8	4.0	2.0	.7								9.4	7.4	6.0
110-130	4.1	3.4	2.2	.9								10.6	7.3	6.0
140-160	3.0	2.2	1.1									6.3	5.8	5.0
(S) 170-190	3.1	1.3	.2									4.6	4.7	4.0
200-220	2.5	2.0	.2	.1								4.9	5.2	4.0
230-250	2.2	1.4	.3	.1								4.1	5.5	4.0
(W) 260-280	3.3	2.4	.2	.2								6.2	5.3	4.0
290-310	2.6	7.8	6.4	2.0	.1							19.0	8.9	8.0
320-340	1.4	4.5	3.2	.9		.1						10.1	8.9	8.0
VARIABLE														
CALM	////////////////////											10.3	////////	
TOTALS	29.0	33.9	20.1	6.2	.4	.1						100.0	6.7	6.0

TOTAL NUMBER OF OBSERVATIONS 907

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.9	.1									1.2	6.8	7.0
020-040	.5	2.1	1.6	.7								4.9	9.4	8.0
050-070	3.1	10.4	3.4	.8								17.7	7.4	6.0
(E) 080-100	5.5	13.3	3.4	1.2	.1							23.5	7.0	6.0
110-130	5.7	10.2	3.2	1.0	.1		.1					20.3	7.0	6.0
140-160	1.6	4.2	1.5									7.3	6.9	7.0
(S) 170-190	.8	1.3	.4									2.5	6.6	6.0
200-220	.3	1.2	.9									2.4	8.3	9.0
230-250	.3	.5	.4									1.3	7.2	7.0
(W) 260-280		.3	.2									.5	9.8	9.0
290-310	.1	1.4	4.3	2.7	1.2	.2						10.0	13.9	14.0
320-340	.1	2.0	3.2	.9								6.1	10.8	11.0
VARIABLE														
CALM	////////////////////											2.2	////////	
TOTALS	18.2	47.8	22.6	7.3	1.4	.2	.1					100.0	8.0	7.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040	.3	1.3	.8	.8	.1							3.3	10.5	9.5
050-070	1.1	10.9	4.7	.9	.3							17.9	8.6	8.0
(E) 080-100	3.4	16.6	7.1	1.2	.7							29.0	8.4	8.0
110-130	2.3	17.1	4.7	.2	.1							24.5	7.6	7.0
140-160	.3	3.3	2.8	.2								6.7	8.8	8.5
(S) 170-190	.1	1.7	.6	.1								2.4	8.3	8.0
200-220	.1	.7	1.6	.1								2.4	10.2	10.0
230-250			.4									.4	11.3	11.0
(W) 260-280		.1	.4	.1	.1							.8	13.0	12.0
290-310		.9	3.1	2.9	.2	.2						7.3	14.2	14.0
320-340		1.3	2.4	.9	.1							4.8	11.7	12.0
VARIABLE														
CALM	////////////////////////////////////											.3	////////////////////////////////	
TOTALS	7.6	53.9	28.6	7.4	1.6	.2						100.0	9.0	8.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.2	.7									.9	10.6	10.5
020-040	.9	1.3	.8	.4	.2							3.6	8.8	7.0
050-070	2.7	7.8	4.6	1.3	.5							17.0	8.8	8.0
(E) 080-100	3.5	15.3	5.8	.7	.4	.1						25.8	8.1	7.0
110-130	3.0	15.0	4.0	1.2		.1						23.3	7.7	7.0
140-160	1.4	3.8	3.2	.2								8.7	8.6	8.0
(S) 170-190	.2	1.8	.9									2.9	8.0	8.0
200-220	.1	1.1	1.4									2.6	9.8	10.0
230-250	.1	.8	1.2	.3								2.4	11.0	11.5
(W) 260-280		.1	.2	.1								.4	12.0	11.0
290-310		.7	3.4	2.4	.1	.2						6.8	13.8	13.5
320-340		1.4	2.2	.5	.1	.1						4.4	11.5	10.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	11.9	49.3	28.4	7.1	1.3	.5						100.0	8.8	8.0

TOTAL NUMBER OF OBSERVATIONS 911



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	1.0	.2	.1								1.9	6.4	6.0
020-040	1.2	3.3	1.5	.7	.6							7.3	9.3	8.0
050-070	4.3	11.2	5.1	.8	.3							21.7	7.8	7.0
(E) 080-100	3.9	7.0	2.9	1.3	.2	.4						15.7	8.4	6.5
110-130	3.8	8.1	2.9	.2	.1							15.0	6.8	5.0
140-160	2.2	3.1	1.2									6.5	6.5	6.0
(S) 170-190	.7	1.8	.9									3.3	7.7	8.0
200-220	.4	1.7	1.9	.3								4.3	9.3	10.0
230-250		1.3	1.0	.1								2.4	9.3	9.0
(W) 260-280		.2	.3	.1								.7	10.7	10.5
290-310	.4	2.9	4.1	1.0	.2	.1						8.7	11.0	10.0
320-340	.3	3.8	3.4	.7	.3							8.5	9.8	10.0
VARIABLE														
CALM	////////////////////////////////////											4.0	//////////	
TOTALS	17.8	45.4	25.4	5.3	1.7	.5						100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 905

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.0	1.1	.3									2.4	6.4	6.0
020-040	1.4	2.5	1.2	.9	.4	.1						6.6	9.5	8.0
050-070	2.3	6.7	3.8	.7	.3							13.8	8.5	8.0
(E) 080-100	1.5	3.4	1.9	.8	.5							8.1	9.1	8.0
110-130	3.5	3.1	2.4	.3	.3							9.6	7.5	6.0
140-160	2.4	2.2	1.4									6.0	6.6	6.0
(S) 170-190	1.3	1.5	.8									3.6	6.3	5.0
200-220	1.2	2.1	.8	.1								4.2	7.2	6.5
230-250	1.0	1.6	.2									2.8	5.5	5.0
(W) 260-280	.5	3.4	.5									4.5	6.6	6.0
290-310	3.0	11.2	4.3	.8	.3	.1						19.6	8.0	7.0
320-340	1.6	5.4	3.2	1.1	.2							11.5	8.9	8.0
VARIABLE														
CALM	////////////////////////////////////										7.3	////////		
TOTALS	20.7	44.2	20.8	4.7	2.0	.2						100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 914

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.8	.3	.0		.0						1.6	6.8	6.0
020-040	.9	1.8	1.1	.6	.3	.0						4.6	9.4	8.0
050-070	2.4	7.1	4.2	1.0	.2							14.9	8.4	8.0
(E) 080-100	2.8	8.1	3.2	.9	.3	.1						15.4	8.1	7.0
110-130	3.1	7.8	2.9	.6	.1	.0	.0					14.6	7.5	6.0
140-160	1.7	2.8	1.5	.1								6.1	7.2	7.0
(S) 170-190	1.1	1.7	.5	.0								3.3	6.5	6.0
200-220	1.1	1.4	1.0	.1								3.7	7.4	7.0
230-250	1.0	1.1	.5	.1								2.6	6.6	6.0
(W) 260-280	1.1	2.7	.3	.1	.0							4.3	6.2	6.0
290-310	2.1	7.1	4.3	1.8	.3	.1						15.7	9.2	8.0
320-340	.8	3.6	2.9	.8	.1	.0						8.3	9.3	9.0
VARIABLE														
CALM	////////////////////////////////////											4.7	////////////////////////////////	
TOTALS	18.7	46.0	22.7	6.1	1.3	.2						100.0	7.7	7.0

TOTAL NUMBER OF OBSERVATIONS 7259

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.4	.9	.7	.1		.1					2.1	8.9	8.0
020-040	.7	2.6	2.9	1.7	1.0	.1					9.0	11.7	11.0
050-070	1.9	8.5	9.8	3.3	1.0						24.5	10.6	10.0
(E) 080-100	2.1	11.1	7.6	3.9	1.5	.4					26.4	10.5	10.0
110-130	2.8	7.0	6.8	2.6	.7	.1	.1				20.0	9.9	10.0
140-160	1.9	1.2	.4								3.5	5.4	4.0
(S) 170-190	1.3	.3									1.6	3.9	4.0
200-220	1.3	.4	.1								1.8	4.5	4.0
230-250	.4	.3									.7	4.4	4.0
(W) 260-280	.7	.3									1.0	3.9	4.0
290-310	.7	1.9	.1								2.7	5.3	5.0
320-340	.4	1.6	.2								2.2	6.8	7.0
VARIABLE													
CALM	////////////////////////////////////										4.5	////////////////////////////////	
TOTALS	14.6	36.1	28.6	11.6	4.2	.7	.1				100.0	9.3	9.0

TOTAL NUMBER OF OBSERVATIONS 1348

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.9	.3									1.6	6.8	7.0
020-040	.7	1.3	.5	.2	.3	.1						3.2	10.1	7.0
050-070	1.4	2.9	1.6	.8	.7							7.4	9.5	8.0
(E) 080-100	1.0	2.0	.8	.3	.1	.1	.1					4.4	8.9	6.5
110-130	1.6	3.4	1.4	.4	.4							7.4	8.4	8.0
140-160	2.3	3.4	1.3	.2	.1							7.4	7.4	6.0
(S) 170-190	1.2	1.6	.2									3.1	5.7	5.5
200-220	1.9	3.2	.3	.1								5.5	6.3	6.0
230-250	1.8	1.5	.7									4.0	6.0	5.5
(W) 260-280	2.4	6.6	.7	.1								9.8	6.0	6.0
290-310	4.4	20.2	5.6	.8	.1	.1	.2					31.4	7.6	7.0
320-340	1.8	4.0	4.0	.9	.2	.1						10.9	9.2	9.0
VARIABLE														
CALM	////////////////////											4.2	////////	
TOTALS	20.9	51.0	17.4	3.8	1.9	.4	.3					100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 911

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	1.8	.1									3.3	5.0	5.0
020-040	1.2	1.2	.9	.3	.3							3.9	8.6	6.5
050-070	1.0	2.7	2.1	.5	.1							6.5	8.8	9.0
(E) 080-100	1.4	1.6	.3	.5	.2							4.2	7.9	6.0
110-130	.9	2.9	2.0	.8	.2							6.7	9.4	9.0
140-160	1.1	2.2	1.3									4.6	7.4	7.5
(S) 170-190	1.9	1.5	.3									3.7	5.5	4.5
200-220	1.6	2.2	1.0	.1								4.9	6.7	6.0
230-250	2.1	2.9	.3	.1								5.4	5.7	5.0
(W) 260-280	3.3	8.2	.5	.1								12.2	5.9	6.0
290-310	3.2	17.1	4.3	1.4	.5	.2						26.8	8.0	7.0
320-340	1.6	4.9	4.3	.2	.2							11.3	8.7	8.0
VARIABLE														
CALM	////////////////////											6.6	////////	
TOTALS	20.7	49.2	17.4	4.0	1.5	.2						100.0	7.1	6.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	1.0	.2	.2	.1							2.2	7.9	7.0
020-040	1.7	1.5	.7	.2	.4							4.5	8.2	6.0
050-070	1.3	2.4	2.0	.3								6.1	8.2	8.0
(E) 080-100	2.1	1.5	.7	.3	.2							4.9	7.2	5.0
110-130	1.7	2.0	2.5	.3	.1							6.6	8.7	8.0
140-160	2.2	2.6	1.4									6.3	6.5	6.0
(S) 170-190	2.0	2.1	.1									4.2	5.3	5.0
200-220	2.4	2.2	.3	.3								5.3	5.9	5.0
230-250	2.8	2.6	.3									5.7	5.1	5.0
(W) 260-280	4.2	6.5	.6	.1								11.4	5.7	5.0
290-310	4.3	12.9	5.3	1.9	.2							24.6	8.1	7.0
320-340	1.0	5.5	3.6	.4	.2	.1	.2					11.1	9.5	8.0
VARIABLE														
CALM	////////////////////////////////////											7.1	////////////////////////////////	
TOTALS	26.4	42.8	17.7	4.0	1.2	.1	.2					100.0	6.9	6.0

TOTAL NUMBER OF OBSERVATIONS 906

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.6	.3									1.0	8.0	8.0
020-040	1.1	2.0	.6	.2	.2	.2						4.3	8.9	8.0
050-070	4.0	4.8	1.9	.7	.1							11.4	7.0	6.0
(E) 080-100	6.0	7.1	1.0	.3	.3							14.7	6.0	5.0
110-130	4.8	7.6	2.4	.9	.1							15.8	7.1	5.0
140-160	2.2	3.3	2.5	.4								8.5	7.5	7.0
(S) 170-190	1.9	1.9	.7									4.4	5.8	5.0
200-220	.6	2.5	1.5	.2	.1							5.0	9.0	8.0
230-250	.3	1.1	.7	.1								2.2	8.0	8.0
(W) 260-280	.7	.9	.4									2.0	6.6	5.0
290-310	.1	3.0	7.5	3.4	.7		.1	.1				14.9	12.7	12.0
320-340	.8	4.0	4.9	1.4	.2			.1				11.4	10.7	10.0
VARIABLE														
CALM	////////////////////////////////////											4.4	////////////////////////////////	
TOTALS	22.6	38.8	24.4	7.6	1.7	.2	.1	.2				100.0	8.0	7.0
TOTAL NUMBER OF OBSERVATIONS 905														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.6	.3									1.3	7.4	6.5
020-040	.3	2.0	.9	.3	.2							3.8	9.5	8.0
050-070	1.6	10.0	3.3	.6	.3							15.7	7.7	6.0
(E) 080-100	3.1	12.6	3.5	.6								19.8	7.2	6.0
110-130	2.6	10.1	4.2	1.3	.1							18.3	8.3	7.0
140-160	.6	2.8	2.2	.3								6.0	8.9	9.0
(S) 170-190	.3	1.8	1.8									3.9	8.9	9.0
200-220	.1	1.3	3.0	.6								5.1	10.8	11.0
230-250	.4	.1	.7		.1							1.3	9.8	10.0
(W) 260-280		.2	.7	.2								1.1	12.0	12.0
290-310		1.5	7.2	3.5	.8	.6		.1				13.6	14.0	14.0
320-340		1.9	3.9	2.1	.6							8.5	12.8	13.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////	
TOTALS	9.4	44.9	31.7	9.5	2.1	.6		.1				100.0	9.3	8.0

TOTAL NUMBER OF OBSERVATIONS 889

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.4	.7									1.5	8.2	8.0
020-040	1.0	3.1	1.3	.4								5.8	8.3	8.0
050-070	2.0	9.6	3.6	1.0	.3							16.5	8.0	7.0
(E) 080-100	3.8	9.1	2.8	.4	.3							16.5	7.3	7.0
110-130	3.1	9.2	3.1	.7	.7							16.6	7.8	6.5
140-160	.9	4.6	3.5	.3	.2							9.5	9.0	9.0
(S) 170-190	.8	1.3	2.0									4.0	8.2	9.0
200-220	.1	1.8	2.8	.2								4.9	9.9	10.0
230-250	.3	.8	1.5	.3								3.0	9.8	10.0
(W) 260-280	.2	.4	.8	.1	.1							1.6	10.1	10.0
290-310	.2	2.0	6.7	2.2	1.0	.2						12.3	13.1	13.0
320-340	.2	1.3	3.5	1.8	.1	.2	.1					7.2	12.6	12.0
VARIABLE														
CALM	////////////////////////////////////											.4	////////////////////////////////	
TOTALS	13.0	43.6	32.3	7.4	2.7	.4	.1					100.0	9.1	8.0

TOTAL NUMBER OF OBSERVATIONS 914

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	1.3	.7									3.3	6.0	6.0
020-040	1.9	2.9	1.1	.1	.1							6.1	7.0	6.0
050-070	3.1	7.4	2.1	1.5	.3	.1						14.6	8.1	6.0
(E) 080-100	2.7	5.0	.8	.1	.1	.2						8.8	6.9	6.0
110-130	5.0	4.8	1.8	.7	.8							12.9	7.6	5.0
140-160	2.2	5.1	2.2	.1								9.6	7.4	7.0
(S) 170-190	1.2	2.4	1.1									4.8	6.9	7.0
200-220	.4	2.7	1.2									4.3	8.1	8.0
230-250	.9	1.8	1.7	.2								4.5	8.7	8.0
(W) 260-280	.3	1.3	.6			.1						2.3	8.3	7.0
290-310	.7	4.6	6.4	.8	.4	.3						13.3	10.7	10.0
320-340	.9	5.4	4.3	.8	.2							11.6	9.4	9.0
VARIABLE														
CALM	////////////////////////////////////											3.9	////////////////////////////////	
TOTALS	20.6	44.7	24.0	4.3	1.9	.7						100.0	7.9	7.0

TOTAL NUMBER OF OBSERVATIONS 905

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	1.2	.8									3.2	6.7	6.0
020-040	.9	1.3	.4	.3								3.0	7.3	6.0
050-070	1.7	3.5	2.0	1.1	.3	.2						8.8	9.4	8.0
(E) 080-100	1.7	2.5	.2		.1	.1	.2					4.9	7.5	5.0
110-130	1.4	3.0	1.5	.6	.4	.4						7.4	9.8	7.0
140-160	1.2	3.8	1.5	.1	.1							6.7	7.6	7.0
(S) 170-190	1.7	2.8	.4	.1								5.0	6.1	6.0
200-220	.3	2.6	1.0									4.0	7.7	8.0
230-250	1.3	2.4	.6									4.3	6.5	6.0
(W) 260-280	2.5	5.0	.2	.1								7.8	5.7	5.0
290-310	4.2	17.8	5.0	1.2	.1		.3					28.6	7.9	7.0
320-340	.7	6.8	4.6	.2								12.4	8.4	8.0
VARIABLE														
CALM	////////////////////											4.0	////////	
TOTALS	18.8	52.7	18.2	3.7	1.0	.7	.5					100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 906

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	.8	1.0	.4	.0	.0							2.2	6.7	6.0
020-040	1.1	1.9	.8	.3	.2	.0						4.3	8.4	7.0
050-070	2.0	5.4	2.3	.8	.3	.0						10.9	8.2	7.0
(E) 080-100	2.7	5.2	1.3	.3	.2	.1	.0					9.7	7.1	6.0
110-130	2.6	5.4	2.4	.7	.4	.1						11.5	8.1	7.0
140-160	1.6	3.5	2.0	.2	.1							7.3	7.8	7.0
(S) 170-190	1.4	1.9	.8	.0								4.1	6.6	6.0
200-220	.9	2.3	1.4	.2	.0							4.9	8.0	8.0
230-250	1.2	1.7	.8	.1	.0							3.8	6.9	6.0
(W) 260-280	1.7	3.7	.6	.1	.0	.0						6.0	6.3	6.0
290-310	2.1	9.9	6.0	1.9	.5	.2	.1	.0				20.7	9.4	8.0
320-340	.9	4.2	4.1	1.0	.2	.1	.0	.0				10.6	9.9	10.0
VARIABLE														
CALM	////////////////////////////////////											4.0	////////////////////////////////	
TOTALS	19.0	46.1	22.9	5.6	1.9	.5	.1					100.0	7.9	7.0

TOTAL NUMBER OF OBSERVATIONS 7248

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.8	.8	.5		.1						2.1	7.4	6.0
020-040	.8	2.8	2.9	1.3	1.2	.3					9.4	12.1	11.0
050-070	1.8	9.3	8.2	5.2	1.9	.3					26.7	11.3	10.0
(E) 080-100	3.2	8.0	3.3	2.3	1.2	.4	.3				18.7	10.1	8.0
110-130	3.5	7.4	7.5	3.5	2.4	.4					24.7	11.1	11.0
140-160	1.2	1.0	1.6	.5	.3						4.6	9.8	10.0
(S) 170-190	.8	.5	.1								1.3	4.6	4.0
200-220	.9	.6									1.5	4.2	4.0
230-250	.6	.4									.9	4.4	4.0
(W) 260-280	.8	.2									.9	4.1	4.0
290-310	.2	1.2	.3	.3							2.0	8.4	7.0
320-340	.4	1.1	.6		.3						2.4	9.0	8.0
VARIABLE													
CALM	////////////////////////////////////										4.8	////////////////////////////////	
TOTALS	15.0	33.3	25.0	13.1	7.4	1.4	.3				100.0	10.0	9.0

TOTAL NUMBER OF OBSERVATIONS 1061

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	1.5	.5	.3								3.0	7.8	6.0
020-040	.6	.2	.5	.5	.6	.3						2.6	14.6	15.0
050-070	.3	2.1	1.6	.8	.5							5.3	10.8	10.0
(E) 080-100	.2	.7	.8	.6	.1	.1						2.5	12.1	12.0
110-130	.5	2.2	1.8	1.6	1.3	.3	.1					7.8	13.4	12.0
140-160	.9	3.0	2.1	1.0	.3	.2						7.5	10.3	9.0
(S) 170-190	.7	3.0	.6	.2								4.5	7.5	7.0
200-220	.7	2.2	.8	.2	.1							4.0	7.9	6.0
230-250	2.2	2.4	.9									5.5	5.9	5.0
(W) 260-280	2.9	8.7	.8	.5	.2	.1	.1					13.3	7.1	6.0
290-310	4.7	16.7	6.1	.6	.2	.2	.5					28.9	8.0	7.0
320-340	1.9	5.5	3.1	1.3								11.8	8.8	8.0
VARIABLE														
CALM	////////////////////////////////////											3.4	////////////////////////////////	
TOTALS	16.3	48.2	19.6	7.6	3.3	1.2	.7					100.0	8.6	7.0

TOTAL NUMBER OF OBSERVATIONS 875

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.6		.2								.8	9.6	8.0
020-040	.3	.9	.3	.6	.2							2.4	11.1	9.0
050-070	.3	1.8	1.5	.9	.1							4.6	10.6	11.0
(E) 080-100	.5	.8	.6	.9	.1	.2						3.0	12.4	13.0
110-130	.8	1.4	2.0	1.4	1.8	.5						7.8	14.2	14.0
140-160	1.1	2.9	2.3	1.1	.2							7.7	9.8	9.0
(S) 170-190	1.7	2.1	.9	.2								5.0	6.8	6.0
200-220	1.9	2.0	.9	.3								5.2	7.0	6.0
230-250	2.5	2.5	.6	.2								5.7	6.2	5.0
(W) 260-280	2.5	10.1	1.1	.2								14.0	6.3	6.0
290-310	4.6	16.2	5.6	1.6	.3	.1	.3	.2	.1			29.2	8.6	7.0
320-340	1.2	4.3	3.9	1.5	.1							11.0	9.7	9.5
VARIABLE														
CALM	////////////////////////////////////											3.7	////////////////////////////////	
TOTALS	17.4	45.6	19.7	9.1	2.8	.8	.3	.2	.1			100.0	8.6	7.0
TOTAL NUMBER OF OBSERVATIONS 888														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	1.3	.1	.1								2.0	6.5	6.0
020-040	.2	.3	.3	.2	.1	.1						1.4	12.2	10.0
050-070	.5	1.1	1.6	.7	.3	.1						4.3	11.9	12.0
(E) 080-100	.2	1.1	.8	.7	.7	.6	.1					4.2	14.6	14.0
110-130	1.5	1.7	1.8	1.0	1.6	.3	.1					8.1	12.5	12.0
140-160	.9	3.0	1.9	.6								6.4	9.2	9.0
(S) 170-190	1.0	1.8	1.3	.3								4.4	7.8	7.0
200-220	2.4	2.6	1.4	.3								6.7	6.9	6.0
230-250	2.5	2.4	.7									5.6	5.6	5.0
(W) 260-280	3.3	10.5	1.1									14.9	6.0	6.0
290-310	3.3	14.9	5.7	1.9	1.1	.2		.3				27.5	9.1	7.0
320-340	1.7	5.1	2.6	1.7	.1			.1				11.4	9.5	8.5
VARIABLE														
CALM	////////////////////////////////////											3.2	////////	
TOTALS	18.1	45.8	19.3	7.5	3.9	1.3	.2	.4				100.0	8.6	7.0

TOTAL NUMBER OF OBSERVATIONS 880

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.8	.5									1.9	6.8	6.0
020-040	.9	.3	.9	.2	.2		.2					2.9	11.2	10.0
050-070	2.4	2.1	1.3	.9	.5							7.1	8.9	7.0
(E) 080-100	3.0	2.5	2.2	1.3	.5	.1						9.5	8.9	7.0
110-130	2.7	3.2	2.9	1.9	.8	.2	.3					12.1	10.9	10.0
140-160	2.6	3.4	2.6	.5	.1							9.2	7.9	7.0
(S) 170-190	1.9	1.8	1.4	.5								5.6	7.6	6.0
200-220	1.8	3.0	1.5	.3								6.6	7.4	6.0
230-250	1.3	1.9	1.1	.5								4.8	8.0	7.0
(W) 260-280	1.1	1.6	.9	.3								4.0	7.7	6.0
290-310	3.5	4.8	6.6	3.4	1.7	.5	.1		.2	.1		21.0	12.0	11.5
320-340	1.3	3.8	3.9	1.7	.3	.1	.1					11.2	10.6	10.0
VARIABLE														
CALM	////////////////////////////////////											4.2	////////////////////////////////	
TOTALS	23.2	29.2	25.8	11.5	4.1	.9	.7		.2	.1		100.0	9.3	8.0

TOTAL NUMBER OF OBSERVATIONS 877

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.2	.9	.6	.3								2.1	9.6	8.0
020-040	.7	1.2	.7	.2	.1	.2	.2					3.3	11.3	8.0
050-070	1.3	6.5	1.5	.5	.2							9.9	7.7	6.0
(E) 080-100	3.2	6.9	3.5	1.2	.7		.1					15.6	8.7	7.0
110-130	2.4	8.5	3.9	2.4	.8	.3	.1					18.6	9.9	8.0
140-160	.7	3.9	3.6	.9								9.1	9.5	9.0
(S) 170-190	.7	2.7	1.5	.3								5.2	8.6	8.0
200-220	.1	2.1	2.5	.2								5.0	9.7	10.0
230-250	.2	.9	1.3	.2								2.7	9.9	10.0
(W) 260-280		.5	1.4	.5	.2							2.5	12.6	12.0
290-310	.2	2.4	8.2	3.8	1.4	.3	.1	.1	.2			16.8	14.0	13.0
320-340	.2	1.8	3.6	1.8	.9	.1						8.5	13.1	12.0
VARIABLE														
CALM	////////////////////////////////////											.7	////////////////////////////////	
TOTALS	9.9	38.3	32.3	12.3	4.3	.9	.5	.1	.2			100.0	10.4	10.0

TOTAL NUMBER OF OBSERVATIONS 867

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	1.2	.6									2.5	7.0	6.0
020-040	1.1	1.5	1.0	.6	.1	.6	.1					5.0	11.1	9.0
050-070	1.5	9.2	3.4	1.0	.2		.1					15.4	8.4	7.0
(E) 080-100	.9	4.5	3.4	1.4	.5							10.6	9.8	9.0
110-130	.8	7.5	3.6	2.5	.3	.3						15.1	10.1	9.0
140-160	1.0	2.3	4.6	.7	.1							8.7	9.8	10.0
(S) 170-190	.9	2.3	1.9	.3								5.4	8.7	8.5
200-220	.2	2.0	1.9	.8								5.0	10.3	10.0
230-250	.2	1.4	.9	.1								2.6	8.6	8.0
(W) 260-280		.7	1.1	.6	.1							2.5	11.9	12.0
290-310	.3	3.5	6.8	4.4	1.6	.5	.2	.1				17.4	13.6	13.0
320-340	.3	2.3	3.7	1.8	.6		.1					8.8	12.1	10.5
VARIABLE														
CALM	////////////////////////////////////											.9	////////////////////////////////	
TOTALS	7.9	38.4	32.9	14.2	3.5	1.4	.5	.1				100.0	10.4	10.0
TOTAL NUMBER OF OBSERVATIONS 883														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.9	.3	.3	.1							3.6	7.5	6.0
020-040	1.5	2.8	1.0	.3	.5	.1	.1					6.4	8.9	7.0
050-070	1.5	3.5	2.0	.7	.3	.2						8.3	9.5	8.0
(E) 080-100	.9	1.5	2.0	.6	.6	.3	.1					6.0	12.1	11.0
110-130	1.1	4.0	3.8	1.6	.6	.2	.1					11.4	10.9	10.0
140-160	1.6	3.4	3.2	1.3	.1							9.5	9.3	9.0
(S) 170-190	.8	1.8	1.1	.3								4.1	8.5	8.0
200-220	.7	2.0	1.7	.5								4.9	9.0	9.0
230-250	.8	2.3	.8	.2	.1							4.2	8.2	7.0
(W) 260-280	.6	2.4	1.6	.1		.1						4.8	8.5	8.0
290-310	2.2	10.6	5.9	2.5	.5	.1	.2					21.9	9.6	8.0
320-340	.8	5.8	3.1	.7		.2	.1					10.7	9.3	8.0
VARIABLE														
CALM	////////////////////											4.2	////////	
TOTALS	13.4	42.0	26.5	9.1	2.8	1.2	.6					100.0	9.1	8.0

TOTAL NUMBER OF OBSERVATIONS 880

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.7	.5	.6	.1							2.5	9.9	8.0
020-040	.3	.7	.9	.7	.9	.1						3.6	13.9	14.0
050-070	.7	1.7	1.0	.8	.6	.2						5.0	11.3	10.0
(E) 080-100	.3	1.7	1.4	1.1	.3	.1						5.0	11.8	11.0
110-130	.9	2.5	1.5	.8	1.1	.6	.1					7.5	12.8	11.0
140-160	1.1	2.5	3.2	1.2	.2							8.3	10.2	10.0
(S) 170-190	1.4	1.9	.8	.1								4.2	6.6	6.0
200-220	1.5	2.2	1.0	.2								4.9	7.1	6.0
230-250	1.5	2.7	.3									4.5	5.6	5.0
(W) 260-280	2.5	6.5	.8	.5	.3							10.6	7.0	6.0
290-310	3.5	15.7	6.6	1.2	.6	.1	.2					27.9	8.5	7.0
320-340	.6	6.6	4.1	.6	.3							12.1	9.3	8.0
VARIABLE														
CALM	////////////////////////////////////											3.9	////////////////////////////////	
TOTALS	15.0	45.4	22.1	7.8	4.4	1.1	.3					100.0	8.8	8.0
TOTAL NUMBER OF OBSERVATIONS 881														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	1.1	.4	.2	.0							2.3	7.9	7.0
020-040	.7	1.0	.7	.4	.3	.2	.1					3.4	11.4	10.0
050-070	1.1	3.5	1.7	.8	.3	.1	.0					7.5	9.4	8.0
(E) 080-100	1.2	2.5	1.8	1.0	.4	.2	.0					7.0	10.4	9.0
110-130	1.3	3.9	2.7	1.6	1.0	.4	.1					11.0	11.4	10.0
140-160	1.3	3.0	2.9	.9	.1	.0						8.3	9.5	9.0
(S) 170-190	1.1	2.2	1.2	.3								4.8	7.8	7.0
200-220	1.2	2.3	1.5	.4	.0							5.3	8.1	7.0
230-250	1.4	2.1	.8	.2	.0							4.5	6.9	6.0
(W) 260-280	1.6	5.1	1.1	.3	.1	.0	.0					8.3	7.2	6.0
290-310	2.8	10.6	6.4	2.4	.9	.3	.2	.1	.1	.0		23.9	10.0	8.0
320-340	1.0	4.4	3.5	1.4	.3	.1	.0	.0				10.7	10.2	9.0
VARIABLE														
CALM	////////////////////////////////////											3.0	////////////////////////////////	
TOTALS	15.3	41.7	24.7	9.9	3.4	1.3	.4	.1	.1			100.0	9.2	8.0

TOTAL NUMBER OF OBSERVATIONS 7031

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.0	.5	.8								2.8	10.4	9.0
020-040	.6	.9	2.3	1.4	2.0	.9	.6					8.8	16.7	16.0
050-070	.8	4.9	3.4	4.0	1.7	.5	.1					15.4	12.9	14.0
(E) 080-100	1.0	4.1	5.8	3.4	2.9	1.2	.3					18.8	14.0	13.0
110-130	1.7	6.1	8.5	5.7	5.2	1.8	.7					29.5	14.4	14.0
140-160	1.0	1.5	3.0	2.7	.8	.2						9.3	12.7	12.5
(S) 170-190	1.0	.4	.4	.5								2.4	8.1	5.0
200-220	1.0	.4										1.4	3.9	3.5
230-250	.3	.2										.5	4.6	4.0
(W) 260-280	.6	.4										1.0	4.4	4.0
290-310	.7	.6	.9	.1								2.4	8.3	7.0
320-340	.7	1.7	.9	.9								4.2	9.7	9.0
VARIABLE														
CALM	////////////////////////////////////											3.4	////////////////////////////////	
TOTALS	9.8	22.2	25.7	19.5	12.6	4.6	1.7					100.0	12.7	13.0

TOTAL NUMBER OF OBSERVATIONS 968



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.8	.6									2.2	6.8	7.0
020-040	.3	.3	.7	.8	.1	.1						2.3	12.9	14.0
050-070	.1	.9	1.4	.7	1.1	.2		.1				4.5	15.4	13.0
(E) 080-100	.2	.1	.8	.6	.7	.3	.1					2.8	17.0	16.0
110-130	.4	.8	.6	.6	.1	.3	.6	.1				3.4	15.9	13.0
140-160	.1	1.9	1.2		.2							3.4	9.3	8.0
(S) 170-190	.6	1.0	.4	.3								2.3	7.8	6.0
200-220	1.4	1.9	.6	.2								4.1	6.5	5.0
230-250	1.9	3.4	1.2									6.5	6.5	6.0
(W) 260-280	2.1	10.5	1.1	.2								13.9	6.6	6.0
290-310	2.5	19.6	7.1	3.4	2.6	1.3	1.1	.1				37.8	10.9	8.0
320-340	1.1	4.7	5.1	1.9	1.1	.4	.1	.1				14.6	11.9	10.5
VARIABLE														
CALM	////////////////////////////////////											2.2	////////////////////////////////	
TOTALS	11.6	45.9	20.8	8.7	5.9	2.6	1.9	.4				100.0	10.1	8.0

TOTAL NUMBER OF OBSERVATIONS 907

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.7	.3	.2								1.3	9.6	8.5
020-040	.8	.1	.9	1.2	.2	.1						3.3	12.4	13.0
050-070	.1	.1	.9	1.2	1.0	.4	.2					3.9	18.2	17.5
(E) 080-100	.2		.7	.2	1.0	.3	.1					2.5	18.3	20.0
110-130	.3	1.2	1.6	.9	.4	.5	.3					5.4	14.9	13.0
140-160	.1	2.1	.9									3.1	8.0	8.0
(S) 170-190	1.0	.7	.7	.3								2.6	7.7	5.0
200-220	1.0	1.7	.4									3.2	6.1	5.0
230-250	2.2	2.8	.3									5.4	5.7	5.0
(W) 260-280	2.5	9.8	1.1	.2								13.7	6.4	6.0
290-310	3.3	19.3	7.0	3.9	3.5	.9	.7					38.6	10.6	8.0
320-340	1.3	2.8	5.9	2.8	1.1	.4	.4					14.9	12.9	12.0
VARIABLE														
CALM	////////////////////////////////////											2.3	////////	
TOTALS	12.9	41.3	20.7	10.9	7.2	2.6	1.7					100.0	10.3	8.0
TOTAL NUMBER OF OBSERVATIONS 915														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.0	.7	.5	.1							2.8	9.8	9.0
020-040	.5	.3	.3	.3	.2							1.8	10.6	10.0
050-070	.2	.2	.8	1.2	.8	.5						3.7	16.8	16.0
(E) 080-100	.3	.1	1.1	.5	1.0	.7	.1	.2				4.0	18.5	18.0
110-130	.2	.9	2.0	1.0	.5	.2	.1					4.9	13.8	13.0
140-160	.7	1.2	1.0	.3	.1							3.3	9.0	8.0
(S) 170-190	.7	1.3	.4	.1	.1							2.6	7.5	6.0
200-220	1.3	1.4	1.0									3.7	6.6	5.5
230-250	2.5	2.3	.3	.1								5.3	5.4	5.0
(W) 260-280	1.9	10.9	1.5	.4								14.8	6.8	6.0
290-310	2.1	17.7	7.7	4.6	2.5	.7	.8	.2	.1			36.3	11.0	8.0
320-340	.8	4.3	4.9	1.9	1.6	.1	.1	.1				13.8	12.3	11.5
VARIABLE														
CALM	////////////////////////////////////											3.0	////////	
TOTALS	11.7	41.6	21.7	10.9	6.9	2.2	1.1	.5	.1			100.0	10.2	8.0

TOTAL NUMBER OF OBSERVATIONS 914

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.4	.1									.9	6.0	5.0
020-040	.2	.3	.4	.2	.1							1.3	10.8	12.5
050-070	1.0	.8	.9	1.9	.4	.4	.2					5.7	14.1	15.0
(E) 080-100	.7	.6	.6	.4	.8	.2	.2	.2				3.7	15.5	15.0
110-130	1.0	.9	2.4	2.0	.9	.1	.2					7.5	13.5	14.0
140-160	1.1	1.8	1.0	.4								4.3	8.2	8.0
(S) 170-190	.8	1.4	.6	.2								3.0	7.2	5.0
200-220	1.1	3.1	.7	.1								5.0	6.7	6.0
230-250	2.8	2.4	.8	.2	.2							6.4	6.7	5.0
(W) 260-280	2.8	5.3	1.4	.2	.2							10.0	6.8	6.0
290-310	3.2	9.9	9.1	4.6	2.8	1.3	.9	.3	.2			32.3	12.6	12.0
320-340	.7	4.6	5.5	2.4	1.1	.4	.3					15.1	12.5	11.0
VARIABLE														
CALM	////////////////////////////////////											4.8	////////	
TOTALS	15.7	31.5	23.5	12.6	6.5	2.4	1.8	.5	.2			100.0	10.6	10.0

TOTAL NUMBER OF OBSERVATIONS 901

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.9	.7									1.6	9.0	8.0
020-040	.3	.7	.6	.2	.1							1.9	9.4	8.0
050-070	1.3	3.1	1.1	.4	.9	.2	.2					7.4	10.5	7.0
(E) 080-100	2.2	2.9	.9	1.1	.8	.2	.2	.1				8.5	10.4	6.0
110-130	2.1	4.7	2.8	1.1	2.0	.2	.2	.1				13.3	11.3	9.0
140-160	1.2	3.2	2.0	.1	.3							6.9	8.6	8.0
(S) 170-190	.9	1.2	1.1									3.2	7.1	6.0
200-220	.6	2.9	2.5	.4	.1							6.5	9.2	9.0
230-250	.6	.9	1.0	.2								2.7	8.3	8.0
(W) 260-280	.2	1.3	1.9	.6		.1						4.1	10.9	10.0
290-310	1.0	3.4	10.1	5.4	3.1	2.0	.6	.4				26.0	15.2	14.0
320-340		3.0	6.3	3.0	2.0	1.0	.4					15.8	14.5	13.0
VARIABLE														
CALM	////////////////////////////////////											2.1	////////	
TOTALS	10.4	28.2	31.0	12.5	9.3	3.7	1.6	.6				100.0	11.8	11.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.1	.2	.1	.1								.5	9.8	9.0
020-040	.3	1.8	.7	.3	.1	.1	.1					3.4	10.4	8.0
050-070	.3	4.5	1.2	.8	.9	1.1	.1					8.9	12.6	9.0
(E) 080-100	1.0	3.3	1.4	1.0	.3	.2	.4					7.7	11.0	9.0
110-130	1.0	5.9	3.5	2.2	.9	.9		.1				14.4	11.7	10.0
140-160	.7	2.3	1.8	.7	.4							5.8	10.1	9.0
(S) 170-190	.8	1.3	.9	.1								3.1	7.7	7.5
200-220	.9	1.3	2.0	.2								4.4	8.7	9.0
230-250	.7	1.9	.9	.1								3.5	8.0	8.0
(W) 260-280	.1	1.9	1.8	.8	.1							4.6	10.9	10.0
290-310	.7	4.7	11.7	5.8	3.0	1.1	.5	.2				27.7	14.1	13.0
320-340	.3	3.9	5.9	2.7	.9	.4	.3					14.6	13.0	12.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////////////////////////////	
TOTALS	6.9	33.0	31.9	14.8	6.6	3.8	1.4	.3				100.0	11.8	10.0

TOTAL NUMBER OF OBSERVATIONS 914

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.3	.2	.1			.1					2.2	7.9	6.0
020-040	.4	1.0	.4	.3	.4		.1					2.8	11.5	9.0
050-070	.2	1.2	1.3	.4	.8	.9						4.9	15.0	13.5
(E) 080-100	.2	.7	.9	.7	.3	.3	.8	.1				4.0	17.8	17.0
110-130	.4	2.1	2.5	.7	.7	.6	.2	.2				7.4	14.1	13.0
140-160	1.0	2.4	1.9	.7	.2							6.2	9.6	9.0
(S) 170-190	.9	1.5	.7	.2								3.3	7.4	6.5
200-220	1.3	1.9	.1	.1								3.4	6.1	5.0
230-250	1.1	4.3	.7	.1	.1							6.3	6.8	6.0
(W) 260-280	1.4	3.1	1.3	.4	.1							6.4	7.6	6.0
290-310	2.4	13.7	7.7	3.6	3.2	1.3	.3					32.3	11.5	10.0
320-340	.9	8.4	6.4	2.4	.9	.6	.3					19.8	11.2	10.0
VARIABLE														
CALM	////////////////////////////////////											1.1	////////////////////////////////	
TOTALS	10.6	41.6	24.1	9.7	6.7	3.7	1.8	.3				100.0	10.9	9.0

TOTAL NUMBER OF OBSERVATIONS 907

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.9	.3									1.4	7.2	7.0
020-040	.2	.3	.5	.3	.1	.4						2.0	14.4	13.0
050-070	.4	.8	1.3	1.1	.7	.3	.1					4.7	14.7	14.0
(E) 080-100	.3	.1	.5	.5	.5	.4	.5	.1				3.2	19.4	20.0
110-130	.2	1.9	1.8	.5	.2	.3	.4					5.4	13.3	12.0
140-160	.2	1.2	1.5	.3	.2							3.5	10.5	10.5
(S) 170-190	.5	1.4	.7	.1	.1							2.8	7.8	7.0
200-220	1.1	2.4	1.1									4.6	7.2	7.0
230-250	1.1	3.0	.5									4.6	6.1	5.0
(W) 260-280	1.6	9.6	1.4	.4	.1							13.3	7.0	6.0
290-310	2.1	16.9	8.5	3.7	2.7	1.4	.8	.2				36.4	11.3	9.0
320-340	.7	5.3	5.5	2.2	1.1	.3	.3					15.3	11.8	10.5
VARIABLE														
CALM	////////////////////											2.8	////////	
TOTALS	8.6	43.8	23.6	9.1	5.7	3.1	2.1	.3				100.0	10.5	9.0

TOTAL NUMBER OF OBSERVATIONS 913



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	.3	.8	.4	.1	.0		.0					1.6	8.3	8.0
020-040	.4	.6	.6	.5	.2	.1	.0					2.3	11.6	11.0
050-070	.5	1.4	1.1	1.0	.8	.5	.1	.0				5.5	14.1	13.0
(E) 080-100	.6	1.0	.9	.6	.7	.3	.3	.1				4.5	14.6	13.0
110-130	.7	2.3	2.1	1.1	.7	.4	.3	.1				7.7	12.9	12.0
140-160	.6	2.0	1.4	.3	.2							4.6	9.2	9.0
(S) 170-190	.8	1.2	.7	.2	.0							2.9	7.5	6.0
200-220	1.1	2.1	1.0	.1	.0							4.3	7.3	7.0
230-250	1.6	2.6	.7	.1	.0							5.1	6.5	6.0
(W) 260-280	1.6	6.6	1.4	.4	.1	.0						10.1	7.2	6.0
290-310	2.2	13.2	8.6	4.4	2.9	1.3	.7	.2	.0			33.4	11.9	10.0
320-340	.7	4.6	5.7	2.4	1.2	.5	.3	.0				15.5	12.5	11.0
VARIABLE														
CALM	////////////////////////////////////											2.5	////////////////////////////////	
TOTALS	11.1	38.4	24.6	11.2	6.8	3.1	1.7	.4				100.0	10.8	9.0

TOTAL NUMBER OF OBSERVATIONS 7265

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)													%	WIND	WIND
(N) 350-010			.8	.9	.3	.1		.1					2.2	12.4	11.0
020-040		.7	1.2	2.2	2.2	1.2	.7	.3					8.4	14.9	15.0
050-070		.4	2.5	4.6	3.9	5.2	3.4	.9	.1				21.1	18.1	18.0
(E) 080-100		.4	1.7	3.5	4.2	4.1	2.1	1.3	.1				17.5	17.9	18.0
110-130		.8	2.4	6.2	5.6	3.9	2.2	2.1	.7				23.9	17.8	17.0
140-160		.4	1.0	1.8	.8	.8							4.9	12.4	13.0
(S) 170-190		.3	.3	.7									1.2	9.4	11.0
200-220		.5	.5	.1									1.2	5.9	5.0
230-250		.7	.1	.1									.9	4.6	4.0
(W) 260-280		.5	.7	.3									1.4	6.0	5.0
290-310		.8	2.4	2.2	.9	1.2	.4						7.9	12.2	10.0
320-340		.5	2.1	2.4	.5	1.2	.7	.7					8.0	14.6	12.0
VARIABLE															
CALM		////////////////////////////////////											1.4	////////////////////////////////	
TOTALS		6.0	15.7	25.0	18.4	17.7	9.5	5.4	.9				100.0	15.8	15.0

TOTAL NUMBER OF OBSERVATIONS 762

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.8	.3	.2		.1						1.7	9.6	8.0
020-040	.2	.5	.3	.5	.2	.3						2.1	14.7	14.5
050-070	.6	.7	.9	.9	1.3	.6						5.0	15.4	16.0
(E) 080-100		.1	.5	.5	.5	.9		.1	.2			2.8	22.7	24.0
110-130	.5	.6	1.4	1.6	2.0	1.2	.1					7.3	17.8	19.0
140-160	.5	1.2	.9	1.2	.8							4.5	12.6	13.0
(S) 170-190	.9	1.2	.7		.1							2.9	7.4	6.0
200-220	1.5	2.4	.8									4.7	6.4	6.0
230-250	.9	3.2	.9		.1							5.2	7.2	7.0
(W) 260-280	2.0	10.6	1.5	.6	.3							15.0	7.4	6.0
290-310	1.7	16.6	6.7	5.3	2.4	.2						33.0	10.6	8.0
320-340	1.2	2.8	4.9	2.1	.8	.3						12.0	11.7	11.0
VARIABLE														
CALM	////////////////////////////////////											3.7	////////////////////////////////	
TOTALS	10.2	40.7	19.8	12.9	8.5	3.6	.1	.1	.2			100.0	10.6	9.0

TOTAL NUMBER OF OBSERVATIONS 864

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.6	.3	.3								1.6	8.5	6.0
020-040	.1	.2	.3	.5	.5	.3						1.9	17.8	19.0
050-070	.2	.3	1.2	1.4	.9	.8	.3					5.2	17.5	17.0
(E) 080-100	.2	.3	.2	.5	1.0	.5	.1					2.8	18.2	20.0
110-130	.3	.7	1.1	1.6	2.3	1.7	.5					8.1	18.9	20.0
140-160	.1	1.4	.7	.7	.3	.1						3.3	11.7	10.0
(S) 170-190	.8	1.1	.8									2.7	7.5	7.0
200-220	.9	2.4	.7	.1								4.1	7.0	6.0
230-250	1.8	3.2	.6									5.5	6.0	6.0
(W) 260-280	1.7	10.2	1.6	.6	.6	.1						14.8	7.7	6.0
290-310	2.7	15.5	6.6	6.0	2.4	.8	.1					34.1	10.9	9.0
320-340	1.5	4.3	4.6	1.2	1.1	.5	.1		.1			13.4	11.4	10.0
VARIABLE														
CALM	////////////////////											2.6	////////	
TOTALS	10.6	40.2	18.7	12.9	9.1	4.8	1.1		.1			100.0	11.0	9.0

TOTAL NUMBER OF OBSERVATIONS 888

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.5	.5	.1								1.4	8.0	6.0
020-040		.1	.1	.6	.7	.6						2.1	19.9	20.0
050-070	.7		.2	1.5	.9	.2	.8					4.4	18.7	18.0
(E) 080-100		.7	.6	.3	1.0	.3	.1					3.1	17.1	16.0
110-130	1.0	.6	1.0	1.8	2.7	.3	.9					8.4	17.4	18.0
140-160	.5	.9	1.0	1.3	.7							4.4	12.7	13.0
(S) 170-190	.7	1.5	.5									2.7	6.4	6.0
200-220	1.0	2.1	.2	.2								3.6	6.7	6.0
230-250	1.6	3.1	.7		.1							5.5	6.7	6.0
(W) 260-280	1.2	8.7	1.6	1.0								12.5	8.0	7.0
290-310	3.2	14.6	7.5	6.6	2.2	.3						34.5	10.7	9.0
320-340	.9	3.9	4.4	2.8	.9	.5						13.4	12.1	11.5
VARIABLE														
CALM	////////////////////////////////////											4.2	////////	
TOTALS	11.1	36.7	18.3	16.2	9.2	2.2	1.8					100.0	11.0	10.0

TOTAL NUMBER OF OBSERVATIONS 867

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.8	.5	.1	.1							1.8	9.6	8.0
020-040	.1	.5	.5	.9	.2	.1	.2					2.5	15.5	15.5
050-070	.2	.6	.6	1.0	.3	.5	.3	.2				3.7	17.9	18.0
(E) 080-100	.5	.7	.2	.6	1.2	.2	.2					3.6	15.9	17.5
110-130	.3	.6	1.1	2.4	3.2	1.8	.3					9.8	19.2	20.0
140-160	.8	.5	.9	.6	.6	.1						3.4	12.4	12.0
(S) 170-190	1.9	2.0	.2									4.2	5.2	5.0
200-220	1.4	2.0	.5									3.9	6.3	6.0
230-250	2.2	2.6	.9									5.7	5.9	5.0
(W) 260-280	2.5	6.5	1.9	.6	.5							11.9	7.7	6.0
290-310	1.5	12.7	9.3	7.6	2.3							33.3	11.3	10.5
320-340	.7	2.8	4.9	2.3	.7	.6						11.9	12.6	12.0
VARIABLE														
CALM	////////////////////////////////////											4.3	////////	
TOTALS	12.4	32.3	21.5	16.1	9.1	3.3	1.0	.2				100.0	11.1	10.0
TOTAL NUMBER OF OBSERVATIONS 882														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.5	.8	.1								1.7	9.5	10.0
020-040	.5		.1	.1		.1						.8	10.1	4.0
050-070	.8	.6	.6	.7	1.4	.7	.2					5.0	16.2	19.0
(E) 080-100	.2	.7	.6	1.3	1.5	.3	.2					4.9	16.9	18.5
110-130	.7	1.7	1.5	.9	2.2	2.5	.7					10.3	18.0	21.0
140-160	1.0	2.0	1.9	.3		.1	.1					5.4	9.7	9.0
(S) 170-190	1.3	2.2	.6	.3								4.4	6.7	5.0
200-220	1.3	3.0	1.4									5.7	6.9	7.0
230-250	1.7	2.4	.8	.1	.1							5.2	6.7	5.0
(W) 260-280	1.9	3.6	2.3	.7	.2							8.7	8.2	6.0
290-310	2.8	7.1	10.3	7.4	3.0	.6	.1	.1				31.4	12.6	13.0
320-340	.9	2.4	4.6	1.9	1.7	.5	.1					12.2	13.3	13.0
VARIABLE														
CALM	////////////////////////////////////											4.4	////////////////////////////////	
TOTALS	13.4	26.2	25.5	13.8	10.1	4.8	1.4	.1				100.0	11.6	11.0

TOTAL NUMBER OF OBSERVATIONS 864

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	.7	.5	.1								1.7	7.9	8.0
020-040	.2	.5	.3	.6	.1	.2						1.9	12.9	14.0
050-070	1.0	1.0	1.5	.8	.7	.6	.2					5.8	13.7	12.0
(E) 080-100	.7	.3	.5	.7	1.1	.5	.1					3.9	15.9	18.0
110-130	.3	1.4	1.3	1.3	3.1	1.6	.3					9.2	18.0	20.0
140-160	1.3	2.1	1.6	.7	.1	.3						6.0	10.1	9.0
(S) 170-190	.9	3.0	.6									4.4	6.7	6.0
200-220	1.6	4.8	.9									7.3	6.5	6.0
230-250	1.4	2.7	.9		.1							5.1	7.7	6.0
(W) 260-280	1.7	3.4	.6	.5	.3							6.5	7.6	6.0
290-310	2.1	8.7	10.6	5.2	2.5	1.1	.1	.1				30.4	12.4	12.0
320-340	1.7	3.8	5.0	3.0	1.4	.2						15.0	11.6	11.0
VARIABLE														
CALM	////////////////////////////////////											2.6	////////////////////////////////	
TOTALS	13.4	32.4	24.3	12.9	9.4	4.5	.7	.1				100.0	11.2	10.0
TOTAL NUMBER OF OBSERVATIONS 878														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.3	.6	.1								1.3	8.6	10.0
020-040	.2	.2	.6	.1	.1	.2	.1					1.6	14.6	12.0
050-070	.1	.3	1.0	.8	1.4	.3						4.0	16.8	17.0
(E) 080-100	.2	.5	.7	1.0	1.7	.8						4.9	17.9	20.0
110-130		.8	1.7	2.0	1.5	.5	.6	.1	.1			7.2	17.7	17.0
140-160	.3	1.5	1.5	.7	.7							4.7	11.9	11.0
(S) 170-190	1.4	1.1	.8	.1								3.4	6.7	5.0
200-220	1.7	2.0	.8	.1								4.6	6.5	5.0
230-250	2.0	4.3	.3			.1						6.7	6.0	5.0
(W) 260-280	1.4	7.6	1.1	.1	.2	.1						10.6	7.3	6.0
290-310	2.9	13.1	9.8	4.7	2.5	1.1	.1	.1				34.4	11.3	10.0
320-340	1.0	4.0	4.8	1.5	.9	.5						12.8	11.5	11.0
VARIABLE														
CALM	////////////////////////////////////											3.8	////////////////////////////////	
TOTALS	11.4	35.7	23.7	11.2	9.0	3.6	.8	.2	.1			100.0	10.8	10.0

TOTAL NUMBER OF OBSERVATIONS 870

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.7	.3									1.6	6.6	6.0
020-040	.1	.1	.2	.3	.1		.3					1.3	18.7	18.0
050-070	.1	.5	1.5	.8	.9							3.8	15.0	14.0
(E) 080-100	.2	.5	.8	.8	2.2	.8			.1			5.4	18.4	20.0
110-130	.5	.9	1.7	1.5	2.2	.3	.5		.2			7.8	17.1	17.0
140-160	.8	1.0	1.1	.1	.7							3.8	10.9	10.0
(S) 170-190	.9	1.3	.8	.2								3.2	7.6	6.0
200-220	1.7	2.1	1.0									4.8	6.3	5.5
230-250	1.5	4.1	.8	.1								6.5	6.6	6.0
(W) 260-280	1.8	8.5	1.0	1.1	.3							12.8	8.0	7.0
290-310	3.5	15.2	8.4	3.4	2.5	.5	.2					33.8	10.3	8.0
320-340	.6	3.7	5.3	1.8	1.4							12.7	12.1	12.0
VARIABLE														
CALM	////////////////////////////////////											2.6	////////////////////////////////	
TOTALS	12.3	38.6	22.9	10.1	10.3	1.6	1.0		.3			100.0	10.7	9.0

TOTAL NUMBER OF OBSERVATIONS 874

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.6	.5	.1	.0	.0						1.6	8.6	8.0
020-040	.2	.3	.3	.4	.2	.2	.1					1.8	15.9	16.0
050-070	.5	.5	.9	1.0	1.0	.5	.2	.0				4.6	16.3	16.5
(E) 080-100	.3	.5	.5	.7	1.3	.5	.1	.0	.0			3.9	17.7	20.0
110-130	.5	.9	1.4	1.6	2.4	1.2	.5	.0	.0			8.5	18.1	19.0
140-160	.7	1.3	1.2	.7	.5	.1	.0					4.4	11.4	10.0
(S) 170-190	1.1	1.7	.6	.1	.0							3.5	6.7	6.0
200-220	1.4	2.6	.8	.1								4.8	6.6	6.0
230-250	1.6	3.2	.7	.0	.1	.0						5.7	6.5	6.0
(W) 260-280	1.8	7.4	1.5	.6	.3	.0						11.6	7.7	6.0
290-310	2.5	12.9	8.6	5.8	2.5	.6	.1	.0				33.1	11.2	10.0
320-340	1.1	3.5	4.8	2.1	1.1	.4	.0		.0			12.9	12.0	11.0
VARIABLE														
CALM	////////////////////////////////////											3.5	////////	
TOTALS	12.1	35.4	21.8	13.2	9.4	3.5	1.0					100.0	11.0	10.0

TOTAL NUMBER OF OBSERVATIONS 6987

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		.1	.9	.7	.4	.1							2.2	11.4	11.0
020-040			.6	1.1	2.2	1.4	1.4	.5					7.3	19.2	19.0
050-070		.6	1.3	2.6	3.6	4.4	2.7	1.3	.2				16.8	19.2	20.0
(E) 080-100		.1	.9	.8	2.1	6.1	2.6	.5	.1	.3			13.4	21.0	22.0
110-130		.4	1.6	3.6	4.7	7.1	4.4	2.4	.1	.3			24.6	20.2	20.5
140-160		.8	.9	1.0	1.5	1.1	.4	.1					5.7	14.5	15.0
(S) 170-190		.5	.9	.4									1.8	6.5	5.0
200-220		1.3	1.3	.1									2.7	5.0	5.0
230-250		1.2	1.8	.2		.1							3.3	5.8	5.0
(W) 260-280		1.0	1.6		.1	.1							2.7	5.7	5.0
290-310		1.2	1.9	2.1	1.8	1.7	.3						9.1	13.1	13.0
320-340		.5	1.8	2.1	1.8	1.1	.5						7.9	13.8	13.5
VARIABLE															
CALM		////////////////////////////////////										2.4	////////////////////////////////		
TOTALS		7.7	15.5	14.7	18.2	23.2	12.3	4.8	.4	.6			100.0	16.4	18.0

TOTAL NUMBER OF OBSERVATIONS 1137

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.8	.3									1.4	7.1	6.0
020-040	.3	.6	.3	.6	.2	.9						2.9	16.1	16.5
050-070	.1	1.0	2.2	1.9	2.9	.4	.2					8.8	17.0	18.0
(E) 080-100	.9	.4	1.8	2.0	1.9	.4	.1					7.6	15.6	16.5
110-130		.9	2.6	3.3	2.6	.3	.2	.1				10.0	16.5	16.0
140-160	.1	2.8	2.1	1.2	.2							6.5	10.7	10.0
(S) 170-190	1.0	1.6	1.1	.4	.1	.1						4.3	8.6	6.0
200-220	.9	3.5	1.2	.1								5.7	7.3	7.0
230-250	2.6	3.1	.7	.1								6.5	5.9	5.0
(W) 260-280	1.8	6.2	1.3	.3	.1							9.8	7.1	6.0
290-310	2.7	12.2	4.8	2.9	1.9	.3	.4		.2			25.4	10.6	8.0
320-340	.6	2.6	3.2	1.8	.9	.1	.1					9.3	12.5	13.0
VARIABLE														
CALM	////////////////////											1.8	////////	
TOTALS	11.3	35.7	21.6	14.6	10.8	2.5	1.0	.1	.2			100.0	11.3	10.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.7	.1	.2								1.4	7.3	6.0
020-040	.7	.7		.1	.5	.4	.7					3.1	16.8	20.0
050-070		1.1	1.4	2.8	1.7	.8	.8					8.6	18.1	18.0
(E) 080-100	.2	1.1	1.9	1.5	1.9	.5	.3					7.4	16.3	16.0
110-130	.2	1.7	1.7	2.0	2.1	.5	.5					8.8	16.5	17.0
140-160	.5	1.5	2.1	1.4	.3							5.9	11.7	12.0
(S) 170-190	.7	1.5	1.2	.9								4.3	9.6	9.0
200-220	.9	2.5	1.0	.1								4.5	7.2	6.0
230-250	2.0	3.6	.4									6.0	5.7	5.0
(W) 260-280	1.6	7.8	1.4	.3		.1						11.2	7.2	6.0
290-310	2.2	10.3	5.7	3.6	1.5	.9	.5					24.7	11.3	9.0
320-340	1.3	3.4	3.3	2.0	.4	.4	.1					10.9	11.3	10.5
VARIABLE														
CALM	////////////////////////////////////											3.2	////////////////////////////////	
TOTALS	10.7	35.9	20.2	14.9	8.4	3.6	2.9					100.0	11.4	10.0

TOTAL NUMBER OF OBSERVATIONS 916

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.7	.4	.2								1.5	8.9	8.5
020-040	.3	.2	.8	.8	.8	.3	.3					3.5	17.0	17.0
050-070	.3	1.3	2.5	1.3	1.2	.7	.2	.2	.1			7.9	16.0	14.0
(E) 080-100	.3	.5	1.8	2.0	2.2	.8	.1	.2				7.9	17.9	18.0
110-130	.3	1.5	1.9	2.7	1.8	.9	.4					9.5	16.6	16.0
140-160	.4	1.8	1.9	.7	.7							5.4	11.2	10.0
(S) 170-190	.7	1.6	1.5	.3								4.2	9.2	8.0
200-220	1.2	2.3	1.0	.3								4.8	7.5	6.0
230-250	1.3	3.5	1.0									5.8	6.4	6.0
(W) 260-280	1.0	5.5	.4	.4								7.4	7.1	6.0
290-310	1.6	12.4	6.1	4.0	2.5	.5	.4					27.7	11.4	9.0
320-340	1.2	3.7	3.3	1.8	.5		.1					10.6	10.8	10.0
VARIABLE														
CALM	////////////////////											3.7	////////	
TOTALS	8.8	35.0	22.6	14.5	9.7	3.2	1.5	.4	.1			100.0	11.5	10.0

TOTAL NUMBER OF OBSERVATIONS 911

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.9	.9									2.0	8.6	9.0
020-040	.2	.3	.3	.6	.9	.3						2.7	16.9	18.0
050-070	.3	.8	1.8	2.0	1.1	.4	.1	.3				6.9	16.4	15.0
(E) 080-100	.3	.3	1.8	1.9	1.5	1.1	.7	.1				7.7	18.8	18.0
110-130	.2	1.4	2.2	4.3	1.4	1.3	.2	.1				11.3	16.6	16.0
140-160	.4	1.9	2.2	1.3	.7							6.5	11.9	11.0
(S) 170-190	.8	1.2	.9	.4	.1							3.4	8.7	7.0
200-220	.9	2.1	.9									3.9	7.1	7.0
230-250	2.7	3.1	.8	.1								6.6	6.0	5.0
(W) 260-280	1.8	6.2	2.2	.3	.3							10.8	7.7	7.0
290-310	2.0	12.6	6.5	2.3	1.9	.3	.1					25.7	10.1	8.0
320-340	.7	3.0	3.1	2.2	1.2							10.2	12.1	12.0
VARIABLE														
CALM	////////////////////											2.3	////////	
TOTALS	10.5	33.8	23.6	15.4	9.1	3.4	1.1	.5				100.0	11.5	10.0
TOTAL NUMBER OF OBSERVATIONS 905														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: 12-14

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.4	.8	.2	.1								1.6	7.7	7.0
020-040		.6	.2	.6	.7	.4	.3	.2					3.0	15.8	16.0
050-070		.3	1.0	1.9	1.1	.8	.6	.7					6.4	15.9	14.0
(E) 080-100		.1	1.1	1.8	2.7	2.3	.8	.3					9.1	17.4	18.0
110-130		.8	1.0	2.8	3.3	2.0	1.1	.6					11.6	16.4	16.0
140-160		.7	1.6	3.0	1.2	.6							7.0	11.4	11.0
(S) 170-190		1.1	1.7	.6	.7								4.0	8.0	6.0
200-220		1.2	3.2	1.6	.1								6.1	7.3	7.0
230-250		1.6	3.9	.7	.2								6.4	6.5	6.0
(W) 260-280		2.5	5.2	1.3	.7	.2							9.9	7.4	6.0
290-310		2.7	7.2	5.4	3.2	1.8	.8						21.1	11.1	10.0
320-340		1.1	2.6	4.1	2.0	.9	.1						10.8	11.7	12.0
VARIABLE															
CALM		////////////////////////////////////										3.0	////////////////////////////////		
TOTALS		13.1	29.5	24.0	16.0	9.0	3.7	1.8					100.0	11.4	11.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.3	.1	.1								1.1	6.8	5.5
020-040	.3	.7	.1	.2	.3	.3		.2				2.2	15.5	15.0
050-070	.4	1.8	2.3	2.1	1.3	.6	.4					9.0	15.4	14.0
(E) 080-100	.1	1.7	1.2	1.9	2.8	.9	.1					8.6	17.0	18.0
110-130	.8	1.9	3.5	1.8	2.0	.1	.8					10.8	14.7	14.0
140-160	.8	2.5	3.1	1.2	.3							8.0	10.8	10.0
(S) 170-190	.2	2.1	1.3	.2								3.9	8.8	8.0
200-220	.9	2.4	.9	.1	.1							4.4	7.2	6.0
230-250	1.3	2.5	1.2									5.1	6.9	6.0
(W) 260-280	2.3	5.1	1.0	.8								9.2	7.1	6.0
290-310	2.0	9.1	7.1	4.2	1.2	.3	.2		.1			24.2	11.1	11.0
320-340	.4	2.7	4.3	2.2	.9	.3						10.8	12.3	11.0
VARIABLE														
CALM	////////////////////											2.7	////////	
TOTALS	10.1	32.8	26.1	14.8	8.9	2.5	1.5	.2	.1			100.0	11.4	10.0
TOTAL NUMBER OF OBSERVATIONS 904														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.6	.2	.2								1.3	8.3	6.5
020-040	.3	.6	.1	.3	.7	.8	.1	.1				3.0	18.1	20.0
050-070	.2	1.8	1.8	1.9	1.3	.3	.3					7.7	15.0	15.0
(E) 080-100	.6	1.6	1.4	2.7	2.2	.7	.1					9.2	15.8	16.0
110-130	.3	2.3	3.1	2.9	2.7	.3	.2	.2				12.1	15.3	15.0
140-160	.6	2.1	2.9	1.7	.1							7.3	10.8	11.0
(S) 170-190	.4	1.3	1.4	.3								3.6	9.1	9.0
200-220	.8	1.4	.9									3.1	7.5	7.0
230-250	1.2	3.3	.6									5.1	6.5	6.0
(W) 260-280	1.7	6.3	1.2	.1	.1							9.5	6.8	6.0
290-310	2.8	10.2	5.9	3.3	1.8	.4	.1					24.6	10.5	9.0
320-340	.7	3.0	5.2	1.7	.6	.1						11.2	11.3	11.0
VARIABLE														
CALM	////////////////////////////////////											2.2	////////////////////////////////	
TOTALS	9.9	34.5	24.7	15.1	9.5	2.6	.8	.3				100.0	11.3	10.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.5	.7	.1								1.6	9.3	9.0
020-040	.4	.3	.2	.2		.7	.3					2.2	16.8	16.0
050-070	.2	1.0	2.0	2.7	2.2	.7						8.8	16.1	16.5
(E) 080-100	.5	1.0	1.2	2.3	1.4	.7						7.1	15.6	16.0
110-130	.3	1.5	2.1	3.8	1.6	.5	.1					10.1	15.5	16.0
140-160	.2	2.0	3.3	1.2	.3	.2						7.2	11.8	11.5
(S) 170-190	.7	2.2	1.2	.3	.2	.1						4.7	9.5	8.0
200-220	1.5	2.6	1.0									5.2	6.4	6.0
230-250	1.1	3.1	.3									4.5	6.2	6.0
(W) 260-280	1.3	6.6	1.0	.5	.1	.1						9.7	7.6	6.5
290-310	2.7	12.6	6.3	3.1	1.6	.4	.5					27.3	10.4	8.0
320-340	.9	2.3	3.8	1.9	.3	.1						9.3	11.2	12.0
VARIABLE														
CALM	////////////////////											2.2	////////	
TOTALS	10.1	35.7	23.1	16.1	7.7	3.5	.9					100.0	11.2	10.0

TOTAL NUMBER OF OBSERVATIONS 911

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.6	.4	.1								1.5	8.1	7.0
020-040	.4	.4	.3	.4	.5	.5	.2	.0				2.8	16.7	17.5
050-070	.2	1.2	2.0	2.0	1.6	.6	.3	.1	.0			8.0	16.3	16.0
(E) 080-100	.4	1.0	1.6	2.1	2.0	.7	.2	.0				8.1	16.8	17.0
110-130	.4	1.5	2.5	3.0	2.0	.6	.4	.1				10.5	16.0	16.0
140-160	.5	2.0	2.6	1.2	.4	.0						6.7	11.3	11.0
(S) 170-190	.7	1.7	1.2	.5	.1	.0						4.0	9.0	8.0
200-220	1.0	2.5	1.0	.1	.0							4.7	7.2	6.0
230-250	1.7	3.3	.7	.1								5.7	6.2	6.0
(W) 260-280	1.7	6.1	1.2	.4	.1	.0						9.7	7.3	6.0
290-310	2.3	10.8	6.0	3.3	1.8	.5	.3		.0			25.1	10.8	9.0
320-340	.9	2.9	3.8	1.9	.7	.2	.0					10.4	11.6	11.0
VARIABLE														
CALM	////////////////////											2.6	////////	
TOTALS	10.6	34.0	23.3	15.1	9.2	3.1	1.4	.2				100.0	11.4	10.0

TOTAL NUMBER OF OBSERVATIONS 7240

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.1	.3	.5	.2								1.0	10.9	10.0
020-040	.2	.4	.7	1.0	1.5	1.8	.8	.1				6.3	21.2	22.0
050-070	.2	2.5	4.5	5.3	4.7	1.9	1.3	.3	.1			20.8	17.8	18.0
(E) 080-100	.2	1.5	3.1	3.9	5.4	2.4	.6	.2				17.4	18.8	19.0
110-130	.2	2.2	5.9	7.3	5.1	1.0	1.3	.2				23.2	17.2	17.0
140-160	.3	1.9	3.4	3.3	.8	.1						9.8	13.2	13.0
(S) 170-190	.3	.5	.4	.4	.1							1.7	10.3	10.0
200-220	.6	.7	.2									1.5	5.6	5.0
230-250	1.1	.7	.2									2.0	5.0	4.0
(W) 260-280	.8	.8										1.6	4.5	4.0
290-310	1.0	1.7	1.3	1.1	.8	.8	.6					7.4	14.7	14.0
320-340	.6	1.6	1.8	.5	.7	.2	.1					5.6	11.9	10.0
VARIABLE														
CALC.	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	5.6	14.8	22.0	23.0	19.1	8.2	4.7	.8	.1			100.0	15.9	16.0

TOTAL NUMBER OF OBSERVATIONS 1654

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.0	.5	.2	.0	.0	.0					2.2	8.8	8.0
020-040	.5	1.0	.9	.6	.5	.2	.1	.0				3.8	12.9	12.0
050-070	.8	3.0	2.7	1.7	1.0	.3	.1	.0	.0			9.7	12.3	11.0
(E) 080-100	1.0	2.9	2.2	1.4	1.0	.4	.1	.0	.0			9.1	12.2	10.0
110-130	1.1	3.9	3.0	1.8	1.2	.5	.2	.0	.0			11.7	12.2	11.0
140-160	.9	2.6	2.0	.6	.2	.0	.0					6.3	9.4	9.0
(S) 170-190	.9	1.8	.9	.2	.0	.0						3.7	7.6	7.0
200-220	1.0	2.1	1.1	.2	.0							4.4	7.6	7.0
230-250	1.2	2.1	.7	.1	.0	.0						4.2	6.8	6.0
(W) 260-280	1.3	4.1	.9	.3	.1	.0	.0					6.8	7.2	6.0
290-310	1.9	9.4	6.2	3.4	1.5	.5	.2	.1	.0	.0		23.3	11.0	10.0
320-340	.7	4.0	4.6	1.9	.8	.2	.1	.0	.0			12.3	11.6	11.0
VARIABLE														
CALM	////////////////////											2.7	////////	
TOTALS	11.7	37.9	25.7	12.4	6.3	2.1	.8	.1				100.0	10.4	9.0

TOTAL NUMBER OF OBSERVATIONS: 85621

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AA  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	.2	.9	.8	.5	.1	.0	.0					2.5	11.2	10.0
020-040	.4	1.2	2.0	1.7	1.6	.9	.3	.0				8.1	16.3	16.0
050-070	.6	4.0	6.4	5.1	4.1	1.4	.5	.1	.0			22.3	15.3	15.0
(E) 080-100	.6	3.4	5.0	4.4	3.8	1.7	.5	.1	.0			19.5	15.7	15.0
110-130	.9	3.8	5.8	5.1	4.1	1.6	.8	.1	.0			22.3	15.7	15.0
140-160	.6	1.6	2.1	1.3	.5	.1	.0					6.3	11.9	12.0
(S) 170-190	.5	.5	.4	.2	.0	.0						1.7	8.2	6.0
200-220	.7	.5	.1	.0								1.4	5.3	4.0
230-250	.6	.7	.1	.0	.0							1.3	5.2	5.0
(W) 260-280	.6	.5	.0	.0	.0							1.1	5.1	4.5
290-310	.7	1.8	1.1	.9	.7	.4	.1	.0	.0			5.8	12.5	11.0
320-340	.4	2.1	1.6	.8	.6	.3	.1	.0				5.9	12.3	10.0
VARIABLE														
CALM	////////////////////////////////////											1.8	////////////////////////////////	
TOTALS	6.8	21.0	25.4	20.0	15.5	6.4	2.3	.3				100.0	14.1	14.0

TOTAL NUMBER OF OBSERVATIONS: 16409





PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

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PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.  
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR  
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN  
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"  
HOWEVER, ARE INCLUDED.

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.9	30.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 20000	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 18000	32.0	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 16000	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 14000	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 12000	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 10000	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 9000	34.0	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 8000	34.6	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 7000	35.2	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 6000	37.0	37.1	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 5000	38.1	38.2	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 4500	39.6	39.7	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 4000	41.6	41.7	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 3500	43.1	43.4	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 3000	44.8	45.0	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 2500	51.1	51.4	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 2000	60.2	61.0	61.7	62.2	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 1800	62.8	63.7	64.4	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 1500	67.5	68.7	69.8	70.8	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 1200	71.4	72.7	74.4	75.6	76.3	76.3	76.5	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 1000	73.5	75.2	78.2	80.0	80.9	81.0	81.2	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 900	74.1	75.9	78.9	81.1	82.1	82.2	82.5	83.0	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 800	76.2	78.1	82.1	85.0	86.1	86.3	86.5	87.0	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 700	77.2	79.3	83.5	87.5	88.6	88.8	89.1	89.7	89.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 600	77.7	79.9	84.4	89.5	90.9	91.2	91.6	92.3	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 500	78.2	80.6	85.4	91.4	93.2	93.6	94.1	94.7	94.7	95.8	95.8	95.9	96.1	96.1	96.1	96.1
GE 400	78.2	80.7	85.8	92.4	94.5	95.0	96.4	97.1	97.1	98.3	98.3	98.4	98.8	98.8	98.8	98.8
GE 300	78.2	80.7	85.8	92.4	94.6	95.1	96.9	97.7	97.7	99.0	99.1	99.2	99.7	99.7	99.7	99.7
GE 200	78.2	80.7	85.8	92.4	94.6	95.1	96.9	97.7	97.7	99.2	99.3	99.4	99.9	99.9	99.9	99.9
GE 100	78.2	80.7	85.8	92.4	94.6	95.1	96.9	97.7	97.7	99.2	99.3	99.4	99.9	99.9	99.9	100.0
GE 000	78.2	80.7	85.8	92.4	94.6	95.1	96.9	97.7	97.7	99.2	99.3	99.4	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 895

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.5	27.6	27.6	27.8	27.8	27.8	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 20000	28.6	28.8	28.8	29.1	29.1	29.1	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 18000	29.1	29.2	29.2	29.5	29.5	29.5	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 16000	29.4	29.5	29.5	29.8	29.8	29.8	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 14000	29.8	29.9	29.9	30.3	30.3	30.3	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 12000	30.8	30.9	30.9	31.2	31.2	31.2	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 10000	31.6	31.7	31.7	32.0	32.0	32.0	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 9000	31.9	32.0	32.0	32.3	32.3	32.3	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 8000	32.6	32.8	32.8	33.1	33.1	33.1	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 7000	34.2	34.3	34.3	34.6	34.6	34.6	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 6000	35.6	35.7	35.7	36.0	36.0	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 5000	36.3	36.4	36.4	36.8	36.8	36.8	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 4500	37.6	37.9	38.2	38.6	38.6	38.6	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 4000	38.9	39.2	39.5	39.9	39.9	39.9	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 3500	40.5	40.9	41.1	41.5	41.5	41.5	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 3000	43.9	44.2	44.5	45.0	45.0	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 2500	51.4	51.7	52.0	52.5	52.5	52.5	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 2000	59.1	59.8	60.2	61.0	61.2	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 1800	62.1	62.9	63.5	64.2	64.4	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 1500	66.8	67.7	69.3	70.4	70.9	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 1200	70.2	71.4	74.1	75.8	76.5	76.5	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 1000	72.1	73.5	77.7	80.2	81.2	81.2	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 900	73.0	74.6	79.4	82.5	83.5	83.5	83.9	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 800	74.8	76.8	82.1	86.1	87.1	87.2	87.7	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 700	76.2	78.2	83.9	88.3	89.7	89.8	90.3	90.9	90.9	91.4	91.5	91.5	91.5	91.5	91.5	91.5
GE 600	76.3	78.3	84.2	89.2	91.0	91.1	91.7	92.3	92.3	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 500	77.1	79.1	85.4	90.8	93.2	93.3	93.9	94.8	94.8	95.7	95.8	95.8	95.9	95.9	95.9	95.9
GE 400	77.2	79.4	85.8	91.5	94.3	94.6	96.1	97.0	97.1	98.4	98.5	98.5	98.6	98.6	98.6	98.6
GE 300	77.2	79.4	85.9	91.9	94.7	95.1	96.8	97.6	97.7	99.1	99.5	99.5	99.6	99.6	99.6	99.6
GE 200	77.2	79.4	85.9	91.9	94.7	95.1	96.8	97.6	97.7	99.2	99.6	99.6	99.8	99.9	99.9	99.9
GE 100	77.2	79.4	85.9	91.9	94.7	95.1	96.8	97.6	97.7	99.2	99.6	99.6	99.8	100.0	100.0	100.0
GE 000	77.2	79.4	85.9	91.9	94.7	95.1	96.8	97.6	97.7	99.2	99.6	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 925

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.4	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.8
GE 20000	31.2	31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.5
GE 18000	31.4	31.5	31.5	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.8
GE 16000	31.7	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.0
GE 14000	32.2	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.5
GE 12000	32.4	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.7
GE 10000	33.0	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.3
GE 9000	33.5	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.8
GE 8000	34.5	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.8
GE 7000	35.6	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.9
GE 6000	36.8	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1
GE 5000	37.9	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.2
GE 4500	39.0	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.4
GE 4000	41.2	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.7
GE 3500	44.5	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.1
GE 3000	47.0	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6
GE 2500	52.1	52.8	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.6
GE 2000	58.9	59.8	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.4
GE 1800	61.7	62.9	64.1	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.4
GE 1500	66.2	67.8	70.0	71.2	71.6	71.6	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.3
GE 1200	69.1	71.6	74.7	77.0	77.5	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.3
GE 1000	72.1	75.0	78.9	81.9	82.6	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.5
GE 900	72.5	76.0	80.5	83.7	84.3	84.4	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3
GE 800	73.4	77.0	81.9	86.0	87.0	87.1	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.3
GE 700	74.0	77.7	83.1	87.8	89.4	89.5	90.3	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.2
GE 600	74.3	78.2	83.9	89.5	91.5	91.8	92.6	93.1	93.1	93.4	93.4	93.4	93.6	93.6	93.8	94.0
GE 500	74.5	78.8	84.9	90.9	93.1	93.4	94.6	95.3	95.3	96.2	96.2	96.2	96.4	96.4	96.5	96.9
GE 400	74.6	78.9	85.2	91.8	94.3	95.0	96.6	97.4	97.4	98.4	98.4	98.4	98.6	98.6	98.7	99.1
GE 300	74.6	78.9	85.3	92.0	94.5	95.3	97.2	97.9	97.9	99.0	99.0	99.0	99.2	99.2	99.3	99.8
GE 200	74.6	78.9	85.3	92.0	94.5	95.3	97.2	97.9	97.9	99.0	99.0	99.0	99.2	99.2	99.3	99.8
GE 100	74.6	78.9	85.3	92.0	94.5	95.3	97.2	97.9	97.9	99.0	99.0	99.1	99.3	99.3	99.6	100.0
GE 000	74.6	78.9	85.3	92.0	94.5	95.3	97.2	97.9	97.9	99.0	99.0	99.1	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 913

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.6	28.0	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 20000	31.5	32.1	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 18000	31.8	32.4	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 16000	31.8	32.4	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 14000	32.2	32.7	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 12000	33.3	33.9	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 10000	33.8	34.5	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 9000	34.7	35.3	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 8000	35.4	36.1	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 7000	37.4	38.1	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 6000	38.6	39.3	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 5000	39.4	40.0	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 4500	40.3	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 4000	42.2	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 3500	45.4	46.0	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 3000	48.2	48.9	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 2500	54.9	55.7	56.6	56.9	57.1	57.1	57.4	57.4	57.4	57.6	57.6	57.6	57.7	57.8	57.8	57.8
GE 2000	62.1	63.1	64.2	64.7	65.0	65.0	65.2	65.2	65.2	65.4	65.4	65.4	65.5	65.6	65.6	65.6
GE 1800	63.4	64.6	65.6	66.1	66.4	66.4	66.7	66.7	66.7	67.0	67.0	67.0	67.1	67.2	67.2	67.2
GE 1500	67.8	69.4	71.2	72.2	72.7	72.8	73.2	73.2	73.2	73.5	73.5	73.5	73.6	73.7	73.7	73.7
GE 1200	72.6	75.2	77.9	79.8	81.2	81.6	82.1	82.2	82.2	82.6	82.6	82.6	82.7	82.8	82.8	82.8
GE 1000	74.3	77.1	80.5	83.1	85.1	85.6	86.4	86.5	86.5	87.0	87.0	87.0	87.1	87.2	87.2	87.2
GE 900	74.6	77.9	81.9	85.1	87.1	87.7	88.8	88.9	88.9	89.4	89.4	89.4	89.5	89.6	89.6	89.6
GE 800	75.0	78.6	83.2	86.8	89.0	89.5	90.7	90.8	90.8	91.5	91.5	91.5	91.6	91.7	91.7	91.7
GE 700	75.2	79.1	83.6	87.4	89.9	90.6	91.8	91.9	91.9	92.8	92.8	92.8	92.9	93.0	93.0	93.0
GE 600	75.6	79.5	84.3	88.5	91.3	92.1	93.5	93.7	93.7	94.5	94.5	94.5	94.7	94.8	94.9	94.9
GE 500	75.7	79.7	84.5	89.1	91.8	92.9	94.8	95.1	95.1	96.0	96.1	96.1	96.4	96.5	96.6	96.6
GE 400	75.7	79.7	84.6	89.5	92.4	93.8	95.9	96.3	96.3	97.5	97.6	97.6	97.9	98.0	98.3	98.4
GE 300	75.7	79.7	84.6	89.7	92.6	94.1	96.2	96.6	96.7	98.1	98.4	98.4	98.7	98.8	99.0	99.1
GE 200	75.7	79.7	84.6	89.7	92.6	94.1	96.2	96.7	96.9	98.6	98.8	98.8	99.1	99.2	99.6	99.7
GE 100	75.7	79.7	84.6	89.7	92.6	94.1	96.2	96.7	96.9	98.6	98.9	98.9	99.2	99.3	99.9	100.0
GE 000	75.7	79.7	84.6	89.7	92.6	94.1	96.2	96.7	96.9	98.6	98.9	98.9	99.2	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 917



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.0	28.1	28.4	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 20000	32.5	32.6	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 18000	32.8	32.9	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 16000	32.9	33.0	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 14000	33.1	33.2	33.4	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 12000	33.6	33.7	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 10000	34.4	34.5	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 9000	34.8	34.9	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 8000	35.8	35.9	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 7000	37.7	37.9	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 6000	39.4	39.5	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 5000	40.9	41.1	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 4500	41.7	41.8	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 4000	44.0	44.2	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 3500	46.2	46.5	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 3000	49.4	49.7	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 2500	56.7	57.2	57.6	57.8	57.8	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 2000	64.2	64.8	65.3	65.7	65.9	66.1	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 1800	66.8	67.5	68.2	68.5	68.8	69.0	69.0	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 1500	70.2	71.6	72.5	73.3	73.8	74.2	74.3	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 1200	73.5	75.8	77.5	79.5	81.0	81.5	81.7	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1000	76.3	79.2	81.5	84.0	86.6	87.1	87.7	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 900	77.0	80.0	82.2	85.1	88.0	88.4	89.3	89.7	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 800	77.4	80.4	82.6	85.4	89.2	89.8	91.3	91.8	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 700	77.5	80.7	83.1	86.0	89.8	90.8	92.4	93.2	93.3	93.6	93.6	93.6	93.8	93.8	93.8	93.8
GE 600	77.7	81.1	83.6	86.5	90.8	91.8	93.5	94.3	94.4	94.7	94.8	94.8	95.0	95.0	95.0	95.0
GE 500	77.8	81.3	83.9	86.9	91.4	92.5	94.6	95.4	95.6	96.0	96.2	96.2	96.8	96.8	96.8	96.8
GE 400	78.0	81.6	84.2	87.4	91.9	93.0	95.7	97.1	97.5	98.3	98.6	98.6	99.2	99.2	99.2	99.2
GE 300	78.0	81.6	84.2	87.4	92.1	93.2	95.8	97.2	97.6	98.6	98.8	98.8	99.6	99.6	99.6	99.6
GE 200	78.0	81.6	84.2	87.4	92.1	93.2	95.9	97.4	97.7	98.7	99.0	99.0	99.9	99.9	99.9	99.9
GE 100	78.0	81.6	84.2	87.4	92.1	93.2	95.9	97.4	97.7	98.7	99.0	99.0	99.9	100.0	100.0	100.0
GE 000	78.0	81.6	84.2	87.4	92.1	93.2	95.9	97.4	97.7	98.7	99.0	99.0	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 906

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.1	28.1	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 20000	33.1	33.1	33.5	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 18000	33.8	33.8	34.1	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 16000	34.1	34.1	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 14000	34.5	34.5	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 12000	35.2	35.2	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 10000	35.7	35.7	36.0	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 9000	36.9	36.9	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 8000	38.0	38.0	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 7000	39.2	39.2	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 6000	39.6	39.6	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 5000	40.7	40.7	41.0	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 4500	41.9	41.9	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 4000	43.6	43.6	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 3500	45.4	45.4	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 3000	47.9	47.9	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 2500	54.8	55.2	55.5	55.7	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 2000	62.8	64.0	64.7	65.3	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 1800	65.1	66.4	67.4	68.1	68.5	68.9	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 1500	68.5	70.3	72.1	73.3	74.1	74.6	74.9	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
GE 1200	71.5	73.5	76.2	79.1	80.1	80.8	81.1	81.5	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8
GE 1000	72.4	74.9	78.2	81.9	83.4	84.3	84.9	85.4	85.4	85.5	86.0	86.0	86.0	86.0	86.0	86.0
GE 900	73.2	75.9	79.3	83.2	85.0	85.9	86.8	87.3	87.3	87.4	87.9	87.9	87.9	87.9	87.9	87.9
GE 800	73.5	76.5	80.1	84.2	86.1	87.3	88.5	89.4	89.4	89.5	90.0	90.0	90.0	90.0	90.0	90.0
GE 700	74.2	77.5	81.2	85.5	87.5	88.9	90.4	91.3	91.3	91.4	91.9	91.9	91.9	91.9	91.9	91.9
GE 600	74.5	77.9	81.5	86.0	88.2	90.0	91.7	92.5	92.5	92.7	93.1	93.1	93.1	93.1	93.1	93.1
GE 500	74.6	78.0	81.6	86.3	88.9	91.0	93.0	94.1	94.1	94.2	94.7	94.7	94.8	94.9	94.9	94.9
GE 400	74.6	78.2	82.1	86.9	89.8	92.0	95.0	96.8	96.8	97.1	97.7	97.7	97.9	98.0	98.1	98.1
GE 300	74.6	78.2	82.1	86.9	89.8	92.1	95.1	96.9	96.9	97.2	98.0	98.0	98.6	98.8	98.9	98.9
GE 200	74.6	78.2	82.1	86.9	89.8	92.1	95.1	97.2	97.2	97.7	98.6	98.6	99.2	99.4	99.8	99.8
GE 100	74.6	78.2	82.1	86.9	89.8	92.1	95.1	97.2	97.2	97.7	98.6	98.6	99.2	99.4	99.8	100.0
GE 000	74.6	78.2	82.1	86.9	89.8	92.1	95.1	97.2	97.2	97.7	98.6	98.6	99.2	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.4	27.7	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 20000	30.4	30.6	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
GE 18000	31.0	31.3	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 16000	31.0	31.3	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 14000	31.4	31.6	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 12000	31.5	31.7	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 10000	32.0	32.2	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 9000	32.5	32.7	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 8000	33.4	33.7	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 7000	34.5	34.8	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 6000	35.5	35.7	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 5000	36.5	36.7	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 4500	39.6	39.8	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 4000	41.2	41.4	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 3500	43.9	44.3	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 3000	45.7	46.0	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 2500	53.4	53.9	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 2000	62.2	63.4	64.5	65.1	65.1	65.2	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 1800	64.0	65.7	67.0	67.9	67.9	68.0	68.3	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 1500	66.8	69.3	71.7	72.8	73.0	73.1	73.6	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 1200	69.7	72.9	76.7	79.0	79.8	79.9	80.7	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1000	71.5	75.2	79.8	83.1	84.4	84.5	85.9	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 900	71.7	75.5	80.5	84.2	85.5	85.6	87.0	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 800	72.6	76.5	81.7	85.7	87.1	87.2	88.6	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 700	73.2	77.3	82.5	87.1	88.9	89.0	90.6	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 600	73.6	77.6	83.3	88.1	90.2	90.3	91.9	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 500	74.0	78.0	83.8	89.5	91.8	91.9	93.8	94.3	94.3	94.6	94.6	94.6	94.8	94.8	94.9	94.9
GE 400	74.1	78.1	84.3	90.7	93.3	93.6	96.1	97.0	97.0	97.6	97.6	97.6	97.7	97.7	98.0	98.0
GE 300	74.1	78.1	84.4	90.8	93.4	93.7	96.2	97.3	97.3	97.9	98.0	98.0	98.4	98.4	98.7	98.7
GE 200	74.1	78.1	84.4	90.8	93.4	93.8	96.3	97.4	97.4	98.0	98.1	98.1	98.9	99.0	99.6	99.6
GE 100	74.1	78.1	84.4	90.8	93.4	93.8	96.3	97.4	97.4	98.0	98.3	98.3	99.1	99.2	99.8	100.0
GE 000	74.1	78.1	84.4	90.8	93.4	93.8	96.3	97.4	97.4	98.0	98.3	98.3	99.1	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 915

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.8	27.3	27.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 20000	28.3	28.9	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 18000	29.2	29.7	29.8	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 16000	29.2	29.7	29.8	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 14000	29.4	30.0	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
GE 12000	29.4	30.0	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
GE 10000	29.8	30.4	30.5	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 9000	30.2	30.7	30.8	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 8000	31.0	31.6	31.7	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 7000	32.5	33.0	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 6000	33.1	33.7	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 5000	33.7	34.2	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 4500	35.6	36.2	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 4000	37.9	38.5	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 3500	39.5	40.1	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 3000	43.7	44.2	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 2500	50.8	51.3	51.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 2000	60.5	61.2	62.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 1800	63.3	64.2	65.0	66.3	66.3	66.3	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 1500	67.2	68.3	69.6	71.7	71.9	71.9	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 1200	70.9	72.3	74.4	77.6	78.1	78.2	78.5	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1000	72.7	74.4	77.6	81.8	83.0	83.2	83.6	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 900	72.8	74.5	78.1	82.9	84.4	84.6	85.0	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 800	73.7	75.8	79.7	85.3	86.9	87.1	87.7	88.2	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 700	74.5	76.6	80.9	86.9	89.0	89.2	89.9	90.6	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 600	74.6	76.9	81.9	88.1	90.5	90.7	91.5	92.3	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 500	74.9	77.5	82.9	90.0	92.5	92.8	93.8	94.6	94.7	95.3	95.5	95.5	95.5	95.5	95.5	95.5
GE 400	74.9	77.6	83.2	90.8	93.6	94.0	95.4	96.5	96.6	97.8	98.0	98.0	98.1	98.1	98.1	98.1
GE 300	75.1	77.7	83.3	91.2	94.0	94.6	96.1	97.3	97.4	99.0	99.2	99.2	99.3	99.5	99.6	99.6
GE 200	75.1	77.7	83.3	91.2	94.0	94.6	96.1	97.3	97.4	99.0	99.3	99.3	99.6	99.8	100.0	100.0
GE 100	75.1	77.7	83.3	91.2	94.0	94.6	96.1	97.3	97.4	99.0	99.3	99.3	99.6	99.8	100.0	100.0
GE 000	75.1	77.7	83.3	91.2	94.0	94.6	96.1	97.3	97.4	99.0	99.3	99.3	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.3	28.5	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 20000	30.9	31.1	31.2	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
GE 18000	31.4	31.6	31.7	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 16000	31.5	31.7	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 14000	31.9	32.1	32.2	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 12000	32.3	32.5	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.9
GE 10000	33.0	33.2	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 9000	33.5	33.8	33.9	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 8000	34.4	34.7	34.8	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 7000	35.8	36.0	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 6000	36.9	37.2	37.3	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 5000	37.9	38.2	38.3	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 4500	39.4	39.7	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 4000	41.3	41.6	41.8	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 3500	43.6	43.9	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 3000	46.3	46.7	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 2500	53.1	53.6	54.0	54.3	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6
GE 2000	61.3	62.1	62.9	63.5	63.7	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1
GE 1800	63.6	64.7	65.6	66.4	66.6	66.7	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1
GE 1500	67.6	69.1	70.8	72.0	72.4	72.5	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 1200	71.1	73.2	75.7	77.9	78.8	79.0	79.4	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 1000	73.1	75.6	79.0	82.0	83.4	83.7	84.3	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	85.0
GE 900	73.6	76.3	80.1	83.5	85.0	85.3	86.0	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.8
GE 800	74.6	77.5	81.7	85.6	87.3	87.7	88.6	89.1	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5
GE 700	75.3	78.3	82.7	87.1	89.1	89.6	90.6	91.2	91.2	91.6	91.7	91.7	91.7	91.8	91.8	91.8
GE 600	75.5	78.7	83.4	88.2	90.6	91.1	92.2	92.9	92.9	93.3	93.4	93.4	93.5	93.5	93.5	93.6
GE 500	75.9	79.1	84.1	89.4	92.0	92.7	94.1	94.8	94.8	95.5	95.6	95.6	95.8	95.9	95.9	96.0
GE 400	75.9	79.3	84.4	90.1	93.0	93.9	95.9	96.9	97.0	97.9	98.1	98.1	98.4	98.4	98.5	98.5
GE 300	75.9	79.3	84.5	90.3	93.2	94.1	96.3	97.3	97.4	98.5	98.8	98.8	99.1	99.2	99.3	99.4
GE 200	75.9	79.3	84.5	90.3	93.2	94.2	96.3	97.4	97.5	98.7	99.0	99.0	99.5	99.5	99.7	99.8
GE 100	75.9	79.3	84.5	90.3	93.2	94.2	96.3	97.4	97.5	98.7	99.0	99.0	99.5	99.6	99.9	100.0
GE 000	75.9	79.3	84.5	90.3	93.2	94.2	96.3	97.4	97.5	98.7	99.0	99.0	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7288

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.2	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 20000	35.1	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 18000	35.1	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 16000	35.4	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 14000	35.5	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 12000	36.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 10000	37.7	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 9000	38.2	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 8000	39.1	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 7000	39.9	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 6000	41.2	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 5000	42.0	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 4500	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 4000	46.1	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 3500	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 3000	51.9	52.3	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 2500	56.9	57.7	58.0	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 2000	63.5	64.6	65.5	66.3	66.6	66.6	66.6	66.6	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9
GE 1800	66.0	67.1	68.4	69.4	69.9	69.9	69.9	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1
GE 1500	70.6	71.9	73.9	75.4	75.9	75.9	75.9	75.9	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1
GE 1200	73.8	75.4	78.3	80.0	80.9	80.9	80.9	80.9	80.9	81.0	81.2	81.2	81.2	81.2	81.2	81.2
GE 1000	76.1	77.7	80.9	82.8	84.2	84.2	84.2	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 900	76.4	78.0	81.8	84.0	85.6	85.7	85.8	85.8	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 800	77.3	79.0	83.0	85.7	87.6	88.1	88.2	88.2	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5
GE 700	78.5	80.4	84.8	88.2	90.6	91.1	91.4	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 600	78.5	80.8	85.6	89.1	91.8	92.3	92.6	92.7	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3
GE 500	78.8	81.0	86.0	89.6	92.8	93.3	93.5	93.8	93.8	94.1	94.4	94.4	94.8	94.8	95.1	95.1
GE 400	78.8	81.0	86.1	90.5	94.6	95.1	95.4	96.0	96.0	96.5	96.9	96.9	97.4	97.4	97.6	97.6
GE 300	78.8	81.0	86.1	90.6	95.2	95.7	96.0	97.0	97.0	97.5	97.8	97.8	98.3	98.3	98.6	98.6
GE 200	78.8	81.0	86.1	90.8	95.3	95.8	96.2	97.1	97.1	97.8	98.2	98.2	99.0	99.0	99.3	99.3
GE 100	78.8	81.0	86.1	90.8	95.4	95.9	96.3	97.2	97.2	98.0	98.4	98.4	99.5	99.5	99.8	99.9
GE 000	78.8	81.0	86.1	90.8	95.4	95.9	96.3	97.2	97.2	98.0	98.4	98.4	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 833

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.9	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 20000	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 18000	34.8	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 16000	34.9	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 14000	35.3	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 12000	35.6	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 10000	36.7	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 9000	37.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 8000	37.7	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 7000	39.1	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 6000	41.0	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 5000	41.9	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 4500	43.3	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 4000	45.6	45.9	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 3500	47.6	48.0	48.4	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 3000	51.3	51.8	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 2500	58.7	59.6	60.0	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 2000	63.3	64.6	65.4	65.9	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 1800	65.2	66.5	67.3	67.9	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 1500	69.5	71.1	72.7	73.8	74.5	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 1200	74.0	75.8	77.9	79.2	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1000	75.8	77.8	80.3	81.9	83.3	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 900	76.4	78.6	81.5	83.7	85.0	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 800	78.1	80.6	83.9	86.4	88.0	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 700	79.1	81.8	85.3	88.5	90.4	90.7	91.1	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5
GE 600	79.2	82.2	85.9	89.7	92.0	92.5	92.9	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3
GE 500	79.5	82.7	86.6	90.9	93.9	94.5	95.0	95.3	95.3	95.7	95.7	95.7	96.3	96.3	96.3	96.3
GE 400	79.8	82.9	87.1	91.9	95.0	95.6	96.3	96.7	96.7	97.1	97.1	97.1	97.7	97.7	97.7	97.7
GE 300	79.8	83.0	87.3	92.1	95.2	95.8	96.5	97.2	97.2	98.3	98.3	98.3	99.2	99.2	99.2	99.2
GE 200	79.8	83.0	87.3	92.1	95.2	95.8	96.5	97.2	97.2	98.4	98.4	98.4	99.4	99.4	99.4	99.4
GE 100	79.8	83.0	87.3	92.1	95.2	95.8	96.5	97.2	97.2	98.4	98.8	98.8	99.9	99.9	100.0	100.0
GE 000	79.8	83.0	87.3	92.1	95.2	95.8	96.5	97.2	97.2	98.4	98.8	98.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 836

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 20000	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 18000	36.1	36.1	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 16000	36.1	36.1	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 14000	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 12000	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 10000	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 9000	38.2	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 8000	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 7000	41.1	41.1	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 6000	42.4	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 5000	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 4500	44.2	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 4000	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 3500	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 3000	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 2500	58.6	59.0	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 2000	66.2	66.9	67.4	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1800	68.6	69.6	70.2	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 1500	71.9	73.2	74.1	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 1200	76.3	77.9	79.0	81.2	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1000	78.4	79.9	81.3	84.3	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 900	79.1	80.6	82.5	86.0	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 800	79.8	81.8	84.4	88.1	89.2	89.2	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 700	80.5	83.0	85.9	90.1	91.6	91.7	92.3	92.4	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 600	81.1	83.8	86.8	91.1	92.5	92.7	93.3	93.5	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 500	81.5	84.2	87.4	92.4	94.4	94.6	95.5	95.8	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3
GE 400	81.6	84.4	87.6	92.9	95.2	95.6	96.7	97.0	97.1	97.3	97.5	97.5	97.6	97.6	97.6	97.6
GE 300	81.6	84.4	87.8	93.2	95.6	96.0	97.1	97.5	97.6	98.5	98.7	98.7	99.3	99.3	99.3	99.3
GE 200	81.6	84.4	87.8	93.2	95.6	96.0	97.1	97.5	97.6	98.5	98.7	98.7	99.4	99.4	99.4	99.4
GE 100	81.6	84.4	87.8	93.2	95.6	96.0	97.1	97.5	97.6	98.5	99.0	99.0	99.9	100.0	100.0	100.0
GE 000	81.6	84.4	87.8	93.2	95.6	96.0	97.1	97.5	97.6	98.5	99.0	99.0	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 841



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CRIL	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
GE 20000	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 18000	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 16000	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 14000	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 12000	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 10000	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 9000	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 8000	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 7000	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 6000	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 5000	40.5	40.6	40.6	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 4500	42.4	42.5	42.5	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 4000	43.7	43.8	43.8	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 3500	46.7	46.8	46.8	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 3000	50.4	50.5	50.5	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 2500	57.3	57.6	57.6	57.9	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 2000	65.1	65.8	66.2	66.8	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6
GE 1800	67.5	68.3	68.7	69.3	69.9	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4
GE 1500	71.3	72.3	72.9	73.5	74.7	74.9	74.9	75.3	75.3	75.4	75.4	75.5	75.6	75.6	75.6	75.6
GE 1200	74.8	76.7	77.7	78.6	79.8	80.4	80.4	81.1	81.1	81.4	81.5	81.6	81.7	81.7	81.7	81.7
GE 1000	77.3	79.6	81.4	82.9	84.6	85.3	85.4	86.1	86.1	86.4	86.5	86.6	86.7	86.7	86.7	86.7
GE 900	78.0	80.6	82.6	84.3	86.3	87.1	87.3	88.1	88.1	88.3	88.5	88.6	88.8	88.8	88.8	88.8
GE 800	78.9	81.6	84.0	86.1	88.3	89.2	89.6	90.4	90.4	90.8	91.0	91.2	91.3	91.3	91.3	91.3
GE 700	79.7	82.4	84.9	87.1	89.6	90.7	91.0	91.9	91.9	92.2	92.5	92.6	92.8	92.8	92.8	92.8
GE 600	80.2	83.0	85.5	88.1	90.7	91.8	92.2	93.2	93.2	93.5	93.8	93.9	94.1	94.1	94.1	94.1
GE 500	80.4	83.3	86.1	89.0	91.9	93.0	93.8	94.7	94.7	95.1	95.5	95.6	95.9	95.9	95.9	95.9
GE 400	80.6	83.6	86.7	89.6	92.7	94.0	94.9	96.1	96.1	96.4	96.8	96.9	97.3	97.3	97.3	97.3
GE 300	80.6	83.9	87.0	90.1	93.3	95.0	95.9	97.1	97.1	97.7	98.2	98.3	98.8	98.8	98.9	99.0
GE 200	80.6	83.9	87.0	90.2	93.4	95.1	96.1	97.3	97.3	97.8	98.3	98.4	99.0	99.0	99.2	99.4
GE 100	80.6	83.9	87.0	90.2	93.4	95.1	96.1	97.3	97.3	97.8	98.4	98.7	99.4	99.4	99.5	100.0
GE 000	80.6	83.9	87.0	90.2	93.4	95.1	96.1	97.3	97.3	97.8	98.4	98.7	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 837

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 20000	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 18000	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 16000	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 14000	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 12000	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 10000	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 9000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 8000	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 7000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 6000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 5000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 4500	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 4000	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 3500	47.3	47.3	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 3000	50.4	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 2500	55.7	55.7	55.9	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5
GE 2000	65.2	65.3	66.0	66.4	66.6	66.7	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0
GE 1800	67.7	67.8	68.6	68.9	69.4	69.8	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0
GE 1500	71.9	72.2	73.3	73.9	74.3	75.2	75.5	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
GE 1200	76.9	78.1	79.3	80.2	81.0	82.0	82.7	83.0	83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.5
GE 1000	79.0	81.2	82.4	83.5	84.5	85.5	86.4	86.7	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3
GE 900	79.9	82.5	84.1	85.5	86.6	87.7	88.7	89.0	89.2	89.5	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	80.2	83.0	84.6	86.7	88.0	89.2	90.4	90.8	91.0	91.4	91.7	91.7	91.7	91.7	91.7	91.7
GE 700	80.7	83.6	85.2	87.5	89.2	90.5	91.7	92.2	92.3	93.0	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	80.7	83.7	85.4	87.8	89.9	91.3	92.5	93.1	93.3	94.1	94.5	94.5	94.5	94.5	94.5	94.5
GE 500	81.1	84.1	85.8	88.2	90.5	91.9	93.6	94.2	94.5	95.4	96.0	96.0	96.4	96.4	96.4	96.4
GE 400	81.2	84.2	85.9	88.8	91.2	92.7	94.6	95.3	95.5	96.5	97.1	97.1	97.6	97.6	97.6	97.6
GE 300	81.2	84.2	85.9	88.8	91.2	92.9	95.2	96.0	96.3	97.2	98.0	98.0	98.4	98.4	98.7	98.8
GE 200	81.2	84.2	85.9	88.8	91.2	92.9	95.2	96.0	96.4	97.5	98.3	98.3	98.9	98.9	99.3	99.6
GE 100	81.2	84.2	85.9	88.8	91.2	92.9	95.2	96.0	96.4	97.5	98.7	98.7	99.3	99.3	99.6	100.0
GE 000	81.2	84.2	85.9	88.8	91.2	92.9	95.2	96.0	96.4	97.5	98.7	98.7	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 830

PERATING LOCATION "A"  
SAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

TATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
O CEIL	34.0	34.0	34.1	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
E 20000	40.5	40.5	40.6	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
E 18000	40.7	40.7	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
E 16000	40.7	40.7	41.0	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
E 14000	41.1	41.1	41.3	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
E 12000	41.7	41.7	41.9	42.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
E 10000	42.9	42.9	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
E 9000	43.3	43.3	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
E 8000	43.9	43.9	44.2	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
E 7000	44.5	44.5	44.8	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
E 6000	44.9	44.9	45.1	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
E 5000	45.1	45.1	45.5	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
E 4500	46.4	46.4	46.8	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
E 4000	47.4	47.4	47.7	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
E 3500	48.7	48.7	49.0	49.2	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
E 3000	51.3	51.3	51.7	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
E 2500	58.2	58.4	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
E 2000	66.0	66.5	67.0	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
E 1800	68.2	68.6	69.2	69.5	69.6	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
E 1500	71.7	72.4	73.3	73.9	74.7	75.3	75.5	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
E 1200	75.1	76.4	77.8	78.9	79.8	80.8	81.6	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
E 1000	76.8	78.5	80.5	81.8	83.1	84.1	85.0	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
E 900	77.8	80.0	82.2	83.6	84.9	86.0	86.9	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
E 800	78.4	81.0	83.3	85.2	86.8	88.0	89.2	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
E 700	78.9	81.7	84.2	86.3	88.1	89.7	90.9	91.4	91.7	92.0	92.6	92.6	92.6	92.6	92.6	92.6
E 600	78.9	81.7	84.2	86.6	88.4	89.9	91.2	91.9	92.2	92.8	93.5	93.5	93.5	93.5	93.5	93.5
E 500	79.0	81.8	84.3	86.9	89.1	90.9	92.6	93.7	93.9	94.5	95.4	95.4	95.5	95.5	95.5	95.5
E 400	79.0	81.9	84.6	87.4	89.5	91.4	93.5	94.8	95.1	95.7	96.6	96.6	96.9	97.0	97.0	97.0
E 300	79.0	81.9	84.6	87.4	89.7	91.7	94.1	95.4	95.8	96.4	97.5	97.5	98.2	98.5	98.6	98.8
E 200	79.0	81.9	84.6	87.4	89.8	91.9	94.5	95.8	96.3	97.1	98.2	98.2	98.9	99.3	99.4	99.6
E 100	79.0	81.9	84.6	87.4	89.8	91.9	94.5	95.8	96.3	97.1	98.2	98.2	98.9	99.3	99.4	100.0
E 000	79.0	81.9	84.6	87.4	89.8	91.9	94.5	95.8	96.3	97.1	98.2	98.2	98.9	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 842

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 20000	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 18000	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 16000	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 14000	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 12000	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 10000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 9000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 8000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 7000	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 6000	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 5000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 4500	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 4000	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 3500	51.4	51.4	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 3000	54.0	54.0	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 2500	61.2	61.2	61.5	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 2000	68.5	68.9	69.5	69.7	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 1800	70.1	70.6	71.4	71.6	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 1500	72.5	73.4	75.0	75.6	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 1200	75.8	77.2	79.3	80.4	81.1	81.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2
GE 1000	78.0	79.9	83.4	85.2	86.1	86.2	87.1	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
GE 900	78.7	81.1	85.0	87.0	87.9	88.0	88.9	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
GE 800	79.6	82.6	87.0	89.3	90.4	90.5	91.5	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
GE 700	80.0	83.2	88.2	91.1	92.2	92.3	93.8	94.0	94.0	94.1	94.5	94.5	94.6	94.6	94.6	94.6
GE 600	80.0	83.3	88.5	91.5	92.5	92.7	94.1	94.4	94.4	94.6	95.0	95.0	95.1	95.1	95.1	95.1
GE 500	80.3	83.5	88.8	92.2	93.4	93.5	95.2	95.4	95.4	95.8	96.2	96.2	96.3	96.3	96.3	96.3
GE 400	80.3	83.5	89.1	92.9	94.6	94.8	96.5	97.0	97.0	97.4	98.1	98.1	98.2	98.2	98.3	98.3
GE 300	80.3	83.5	89.1	92.9	94.7	95.0	96.8	97.2	97.2	98.1	98.9	98.9	99.2	99.2	99.3	99.3
GE 200	80.3	83.5	89.1	92.9	94.7	95.0	96.9	97.4	97.4	98.3	99.2	99.2	99.5	99.5	99.6	99.6
GE 100	80.3	83.5	89.1	92.9	94.7	95.0	96.9	97.4	97.4	98.4	99.3	99.3	99.8	99.8	99.9	100.0
GE 000	80.3	83.5	89.1	92.9	94.7	95.0	96.9	97.4	97.4	98.4	99.3	99.3	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 832

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.4	37.5	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 20000	37.6	38.7	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 18000	37.9	38.9	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 16000	38.3	39.4	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 14000	38.6	39.6	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 12000	39.5	40.7	40.8	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 10000	40.2	41.4	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 9000	40.7	41.9	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 8000	41.3	42.5	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 7000	41.5	42.7	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 6000	42.6	43.8	43.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 5000	43.9	45.1	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 4500	45.1	46.3	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 4000	46.2	47.4	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 3500	47.9	49.0	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 3000	50.8	52.1	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 2500	56.8	58.5	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 2000	63.6	65.4	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 1800	66.2	68.1	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 1500	69.8	72.1	74.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 1200	72.3	75.4	78.5	80.0	80.2	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1000	74.9	78.2	82.3	84.9	85.4	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 900	75.5	78.9	83.8	86.7	87.6	87.7	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 800	76.1	79.8	85.0	88.5	89.6	89.8	89.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 700	76.4	80.2	86.2	90.2	91.5	91.7	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 600	76.5	80.6	86.5	91.0	92.5	92.6	92.9	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6
GE 500	76.8	81.0	87.5	92.1	94.0	94.2	94.5	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 400	76.9	81.1	88.0	93.1	96.2	96.4	96.8	97.5	97.5	97.6	98.0	98.0	98.0	98.0	98.1	98.1
GE 300	76.9	81.1	88.0	93.2	96.3	96.5	97.4	98.2	98.2	98.5	98.9	98.9	98.9	98.9	99.2	99.2
GE 200	76.9	81.1	88.0	93.2	96.4	96.8	97.6	98.5	98.5	98.7	99.2	99.2	99.3	99.3	99.5	99.5
GE 100	76.9	81.1	88.0	93.2	96.4	96.8	97.6	98.5	98.5	98.8	99.3	99.3	99.6	99.6	99.9	100.0
GE 000	76.9	81.1	88.0	93.2	96.4	96.8	97.6	98.5	98.5	98.8	99.3	99.3	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 840

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.2	34.4	34.5	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 20000	36.9	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 18000	37.1	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 16000	37.2	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 14000	37.5	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 12000	38.0	38.2	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 10000	38.9	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 9000	39.4	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 8000	40.3	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 7000	41.3	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 6000	42.4	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 5000	43.1	43.3	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 4500	44.6	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 4000	46.3	46.6	46.8	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 3500	48.4	48.7	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 3000	51.7	52.0	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 2500	57.9	58.5	58.8	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 2000	65.2	66.0	66.7	67.1	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 1800	67.4	68.3	69.2	69.8	70.1	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 1500	71.2	72.3	73.7	74.6	75.2	75.4	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 1200	74.9	76.6	78.4	79.8	80.6	81.0	81.3	81.5	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 1000	77.0	79.1	81.6	83.4	84.5	84.9	85.3	85.6	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8
GE 900	77.7	80.1	82.9	85.1	86.3	86.8	87.3	87.6	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8
GE 800	78.5	81.2	84.4	87.0	88.5	89.0	89.6	90.0	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 700	79.2	82.1	85.6	88.6	90.4	91.0	91.8	92.1	92.2	92.4	92.6	92.7	92.7	92.7	92.7	92.7
GE 600	79.4	82.4	86.1	89.3	91.3	92.0	92.7	93.2	93.2	93.5	93.8	93.8	93.9	93.9	93.9	93.9
GE 500	79.7	82.7	86.6	90.2	92.5	93.2	94.2	94.8	94.9	95.2	95.6	95.6	95.9	95.9	95.9	95.9
GE 400	79.8	82.8	86.9	90.9	93.6	94.5	95.6	96.3	96.4	96.8	97.3	97.3	97.6	97.6	97.7	97.7
GE 300	79.8	82.9	87.0	91.0	93.9	94.8	96.1	97.0	97.1	97.8	98.3	98.3	98.8	98.8	99.0	99.0
GE 200	79.8	82.9	87.0	91.1	94.0	94.9	96.3	97.1	97.2	98.0	98.6	98.6	99.2	99.2	99.4	99.5
GE 100	79.8	82.9	87.0	91.1	94.0	94.9	96.3	97.1	97.2	98.1	98.8	98.8	99.5	99.6	99.8	100.0
GE 000	79.8	82.9	87.0	91.1	94.0	94.9	96.3	97.1	97.2	98.1	98.8	98.8	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6691

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 20000	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 18000	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 16000	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 14000	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 12000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 10000	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 9000	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 8000	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 7000	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 6000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 5000	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 4500	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 4000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 3500	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 3000	51.2	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 2500	57.5	57.8	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 2000	65.5	66.3	67.1	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 1800	67.6	68.5	69.6	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 1500	71.2	72.5	73.8	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 1200	75.2	76.6	78.7	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 1000	77.1	78.7	81.0	82.4	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 900	78.3	80.3	83.5	85.4	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 800	80.8	82.8	86.4	88.7	89.7	89.7	89.8	89.9	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 700	81.9	83.9	87.9	90.3	91.3	91.3	91.6	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 600	82.6	84.6	89.4	92.2	93.4	93.4	93.8	93.9	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 500	83.3	85.5	91.5	94.6	96.1	96.1	96.5	96.6	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	83.4	85.6	91.8	95.1	96.9	96.9	97.4	97.5	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	83.4	85.6	91.9	95.2	97.4	97.4	98.0	98.1	98.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	83.4	85.6	91.9	95.2	97.5	97.5	98.1	98.5	98.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 100	83.4	85.6	91.9	95.2	97.5	97.5	98.1	98.5	98.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	83.4	85.6	91.9	95.2	97.5	97.5	98.1	98.5	98.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 890

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.8	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 20000	36.4	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 18000	36.4	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 16000	36.5	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 14000	36.5	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 12000	37.6	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 10000	37.8	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 9000	37.9	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 8000	38.8	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 7000	40.1	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 6000	41.5	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 5000	43.0	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 4500	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 4000	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 3500	50.3	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 3000	52.6	53.1	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 2500	59.7	60.2	60.6	60.7	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 2000	65.0	65.8	66.4	66.6	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 1800	67.5	68.5	69.5	69.9	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 1500	73.5	75.0	76.3	77.0	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 1200	76.6	78.3	80.0	80.9	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1000	79.4	81.4	83.3	84.3	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 900	80.3	82.8	85.8	87.2	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 800	82.8	85.3	88.3	90.0	90.6	90.6	90.9	90.9	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 700	83.3	85.9	89.5	91.5	92.1	92.1	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 600	84.1	86.7	90.6	93.0	93.7	93.7	94.4	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 500	84.8	87.7	92.3	95.6	96.5	96.5	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	85.2	88.0	92.6	96.3	97.3	97.3	98.0	98.1	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	85.2	88.0	92.6	96.3	97.5	97.5	98.3	98.4	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	85.2	88.0	92.6	96.3	97.5	97.5	98.3	98.6	98.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 100	85.2	88.0	92.6	96.3	97.5	97.5	98.3	98.6	98.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 000	85.2	88.0	92.6	96.3	97.5	97.5	98.3	98.6	98.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 917



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 20000	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 18000	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 16000	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 14000	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 12000	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 10000	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 9000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 8000	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 7000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 6000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 5000	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 4500	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 4000	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 3500	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 3000	53.6	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 2500	61.6	61.7	61.8	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 2000	66.3	66.7	67.3	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 1800	68.8	69.4	70.4	70.8	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 1500	73.0	74.0	75.3	75.8	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 1200	76.7	78.3	80.1	80.7	81.1	81.1	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1000	79.2	81.1	83.0	83.6	84.0	84.0	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 900	80.1	82.2	84.8	85.9	86.4	86.4	87.1	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3
GE 800	81.9	84.1	86.9	88.2	89.0	89.1	89.8	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0
GE 700	83.3	85.6	89.0	90.8	91.7	91.8	92.4	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 600	83.7	86.0	89.6	91.6	92.4	92.7	93.6	93.6	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	84.2	86.8	90.6	92.9	94.1	94.4	95.4	95.4	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 400	84.6	87.1	90.9	93.9	95.7	96.1	97.4	97.6	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	84.6	87.1	90.9	94.0	95.8	96.2	97.6	97.7	97.7	98.3	98.7	98.7	98.9	98.9	98.9	98.9
GE 200	84.6	87.1	90.9	94.0	95.8	96.2	97.6	97.7	97.7	98.4	98.9	99.0	99.3	99.3	99.6	99.6
GE 100	84.6	87.1	90.9	94.0	95.8	96.2	97.6	97.7	97.7	98.4	99.0	99.1	99.6	99.7	100.0	100.0
GE 000	84.6	87.1	90.9	94.0	95.8	96.2	97.6	97.7	97.7	98.4	99.0	99.1	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 20000	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 18000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 16000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 14000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 12000	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 10000	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 9000	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 8000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 7000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 6000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 5000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 4500	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 4000	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 3500	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 3000	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 2500	57.9	57.9	58.0	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	56.3	58.3	58.3
GE 2000	64.2	64.4	64.6	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 1800	66.3	66.6	67.1	67.5	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 1500	71.6	72.4	72.9	73.7	74.1	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 1200	74.4	76.0	76.8	78.0	78.7	79.3	79.8	80.0	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 1000	76.3	78.5	80.2	82.0	82.9	83.6	84.0	84.5	84.5	85.2	85.3	85.3	85.3	85.3	85.3	85.3
GE 900	76.9	79.5	81.3	83.5	84.5	85.3	85.9	86.4	86.4	87.1	87.2	87.2	87.2	87.2	87.2	87.2
GE 800	78.3	81.3	83.4	85.7	87.1	87.9	88.5	89.2	89.2	90.0	90.2	90.2	90.2	90.2	90.2	90.2
GE 700	79.0	82.5	85.0	87.8	89.4	90.8	91.6	92.4	92.4	93.1	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	79.4	82.9	85.4	88.5	90.3	91.6	92.6	93.4	93.4	94.2	94.5	94.5	94.5	94.5	94.5	94.5
GE 500	79.7	83.4	86.0	89.2	91.4	92.7	93.9	94.8	94.8	95.6	96.0	96.0	96.1	96.1	96.2	96.2
GE 400	79.7	83.4	86.2	89.6	92.1	93.5	95.3	96.3	96.3	97.4	97.7	97.9	98.0	98.0	98.2	98.2
GE 300	79.7	83.4	86.2	89.6	92.1	93.5	95.4	96.4	96.4	97.6	98.0	98.3	98.7	98.9	99.1	99.1
GE 200	79.7	83.4	86.2	89.6	92.1	93.5	95.4	96.4	96.4	97.6	98.0	98.3	98.8	99.0	99.5	99.5
GE 100	79.7	83.4	86.2	89.6	92.1	93.5	95.4	96.4	96.4	97.6	98.0	98.3	98.9	99.5	100.0	100.0
GE 000	79.7	83.4	86.2	89.6	92.1	93.5	95.4	96.4	96.4	97.6	98.0	98.3	98.9	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 919

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 20000	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 18000	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 16000	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 14000	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 12000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 10000	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 9000	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 8000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 7000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 6000	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 5000	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 4500	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 4000	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 3500	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 3000	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 2500	60.4	60.7	60.8	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 2000	68.5	69.2	69.3	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 1800	70.6	71.3	71.4	71.5	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 1500	74.6	75.8	76.2	76.5	76.9	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 1200	77.7	79.2	80.6	81.1	82.1	82.3	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1000	80.8	83.2	85.0	85.6	87.1	87.3	88.0	88.5	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 900	81.4	83.9	85.9	86.5	88.1	88.3	89.2	89.7	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 800	82.4	85.3	87.3	88.3	89.8	90.3	91.2	91.8	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 700	82.7	85.5	87.7	89.2	91.3	91.7	92.9	93.8	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 600	83.1	86.0	88.5	90.1	92.3	92.9	94.5	95.4	95.5	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 500	83.2	86.3	88.8	90.5	92.9	93.6	95.2	96.1	96.2	96.8	96.8	96.8	97.0	97.0	97.3	97.3
GE 400	83.3	86.4	89.0	90.6	93.1	93.8	95.8	96.9	97.1	97.8	97.8	97.8	98.1	98.1	98.5	98.5
GE 300	83.3	86.4	89.1	90.7	93.4	94.1	96.1	97.6	97.8	98.6	98.6	98.6	98.9	99.0	99.3	99.3
GE 200	83.3	86.4	89.1	90.7	93.5	94.3	96.5	97.9	98.1	98.9	98.9	98.9	99.2	99.3	99.9	99.9
GE 100	83.3	86.4	89.1	90.7	93.5	94.3	96.5	97.9	98.1	98.9	98.9	98.9	99.2	99.4	100.0	100.0
GE 000	83.3	86.4	89.1	90.7	93.5	94.3	96.5	97.9	98.1	98.9	98.9	98.9	99.2	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 905

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 20000	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 18000	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 16000	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 14000	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 12000	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 10000	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 9000	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 8000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 7000	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 6000	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 5000	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 4500	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 4000	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 3500	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 3000	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 2500	62.2	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 2000	69.9	70.0	70.0	70.3	70.4	70.5	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 1800	72.7	72.8	72.8	73.0	73.1	73.2	73.3	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 1500	76.1	76.6	76.6	76.9	77.1	77.2	77.3	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 1200	79.5	80.8	81.1	82.3	82.8	83.1	83.4	83.8	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2
GE 1000	82.0	83.6	84.3	85.9	86.8	87.3	87.8	88.1	88.1	88.7	88.9	88.9	89.0	89.0	89.0	89.0
GE 900	82.3	84.1	85.1	86.8	87.8	88.3	88.8	89.4	89.4	89.9	90.1	90.1	90.2	90.2	90.2	90.2
GE 800	83.0	85.0	85.9	87.9	89.1	89.7	90.3	90.9	90.9	91.4	91.7	91.7	91.8	91.8	91.8	91.8
GE 700	83.5	85.8	87.0	89.5	90.7	91.2	92.0	92.8	92.8	93.3	93.5	93.5	93.7	93.7	93.7	93.7
GE 600	84.1	86.4	87.9	90.6	92.0	93.0	94.0	94.7	94.7	95.5	95.7	95.7	95.9	95.9	95.9	95.9
GE 500	84.1	86.5	88.1	91.0	92.4	93.6	94.8	95.7	95.7	96.5	96.9	96.9	97.4	97.4	97.5	97.5
GE 400	84.2	86.6	88.3	91.1	92.5	93.7	95.2	96.2	96.3	97.1	97.6	97.6	98.1	98.1	98.2	98.2
GE 300	84.2	86.6	88.3	91.2	92.9	94.2	95.7	96.7	96.8	97.7	98.1	98.1	98.9	98.9	99.0	99.0
GE 200	84.2	86.6	88.3	91.2	92.9	94.2	95.8	96.8	96.9	97.8	98.2	98.2	99.5	99.5	99.6	99.6
GE 100	84.2	86.6	88.3	91.2	92.9	94.2	95.8	96.8	96.9	97.8	98.4	98.6	99.8	99.8	100.0	100.0
GE 000	84.2	86.6	88.3	91.2	92.9	94.2	95.8	96.8	96.9	97.8	98.4	98.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 911

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 20000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 18000	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 16000	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 14000	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 12000	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 10000	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 9000	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 8000	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 7000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 6000	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 5000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 4500	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 4000	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 3500	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 3000	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 2500	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 2000	69.1	69.4	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 1800	71.1	71.6	71.8	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 1500	73.2	73.9	74.4	74.8	75.3	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 1200	77.2	78.0	78.9	79.5	80.1	80.2	80.5	80.5	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9
GE 1000	79.2	80.4	82.1	83.2	84.0	84.5	85.0	85.0	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3
GE 900	80.2	81.8	83.8	85.0	85.9	86.4	87.0	87.0	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.4
GE 800	81.1	82.8	85.0	87.1	88.1	88.6	89.4	89.4	89.4	89.6	89.9	89.9	89.9	89.9	89.9	89.9
GE 700	81.9	83.8	86.6	88.8	90.2	90.7	91.5	91.7	91.7	92.1	92.5	92.5	92.5	92.5	92.5	92.5
GE 600	82.6	84.7	87.7	90.6	92.1	92.7	94.0	94.4	94.4	94.7	95.2	95.2	95.2	95.2	95.2	95.2
GE 500	82.7	84.8	88.1	91.3	93.0	93.8	95.3	96.0	96.0	96.3	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	82.8	85.2	88.6	91.9	93.7	94.9	96.4	97.5	97.7	98.0	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	82.8	85.2	88.6	91.9	93.8	95.4	97.1	98.2	98.3	98.7	99.3	99.3	99.3	99.3	99.3	99.6
GE 200	82.8	85.2	88.6	91.9	93.8	95.4	97.1	98.2	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.8
GE 100	82.8	85.2	88.6	91.9	93.8	95.4	97.1	98.2	98.3	98.9	99.6	99.6	99.7	99.8	99.8	100.0
GE 000	82.8	85.2	88.6	91.9	93.8	95.4	97.1	98.2	98.3	98.9	99.6	99.6	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.3	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 20000	33.9	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 18000	33.9	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 16000	33.9	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 14000	33.9	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 12000	33.9	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 10000	34.8	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 9000	35.3	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 8000	36.3	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 7000	37.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 6000	38.7	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 5000	40.4	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 4500	41.7	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 4000	43.9	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 3500	46.6	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 3000	49.9	50.2	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 2500	57.6	58.0	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 2000	65.0	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 1800	67.1	68.2	68.6	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 1500	70.6	72.1	73.7	73.9	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 1200	73.7	75.7	78.4	78.8	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 1000	75.9	78.0	81.4	82.8	83.0	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 900	77.0	79.5	83.3	85.5	85.7	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 800	78.2	81.0	85.5	88.0	88.3	88.4	88.5	88.5	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 700	79.2	82.1	87.1	89.9	90.1	90.2	90.6	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 600	79.8	82.9	88.2	92.1	92.5	92.8	93.1	93.2	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	79.9	83.2	89.4	93.9	94.7	95.0	95.6	95.8	95.9	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	80.0	83.7	89.8	94.7	95.7	96.1	96.9	97.1	97.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	80.2	83.8	89.9	95.2	96.2	96.5	97.4	97.6	97.7	98.8	99.0	99.0	99.0	99.0	99.1	99.2
GE 200	80.3	83.9	90.0	95.3	96.3	96.6	97.5	97.8	97.9	99.1	99.6	99.6	99.6	99.6	99.7	99.8
GE 100	80.3	83.9	90.0	95.3	96.3	96.6	97.5	97.8	97.9	99.1	99.6	99.6	99.6	99.6	99.7	99.8
GE 000	80.3	83.9	90.0	95.3	96.3	96.6	97.5	97.8	97.9	99.1	99.6	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 20000	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 18000	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 16000	36.2	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 14000	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 12000	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 10000	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 9000	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 8000	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 7000	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 6000	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 5000	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 4500	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 4000	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 3500	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 3000	52.3	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 2500	59.5	59.8	59.9	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 2000	66.7	67.2	67.5	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 1800	69.0	69.6	70.1	70.4	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 1500	73.0	74.0	74.9	75.4	75.7	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 1200	76.4	77.9	79.3	80.1	80.6	80.8	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1000	78.7	80.6	82.5	83.7	84.4	84.7	85.1	85.3	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE 900	79.6	81.8	84.2	85.7	86.6	86.8	87.3	87.5	87.5	87.8	87.9	87.9	87.9	87.9	87.9	87.9
GE 800	81.1	83.4	86.1	88.0	89.0	89.3	89.8	90.1	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 700	81.8	84.4	87.5	89.7	90.9	91.2	91.9	92.2	92.3	92.7	92.8	92.8	92.9	92.9	92.9	92.9
GE 600	82.4	85.0	88.4	91.1	92.3	92.8	93.7	94.1	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 500	82.7	85.5	89.3	92.4	93.9	94.5	95.5	96.0	96.0	96.6	96.8	96.8	96.9	96.9	97.0	97.0
GE 400	82.9	85.7	89.6	92.9	94.6	95.3	96.6	97.2	97.2	98.0	98.2	98.3	98.4	98.4	98.5	98.5
GE 300	82.9	85.8	89.7	93.0	94.9	95.6	96.9	97.6	97.7	98.6	98.8	98.8	99.1	99.1	99.2	99.2
GE 200	82.9	85.8	89.7	93.0	94.9	95.6	97.0	97.7	97.8	98.8	99.1	99.1	99.4	99.5	99.7	99.8
GE 100	82.9	85.8	89.7	93.0	94.9	95.6	97.0	97.7	97.8	98.8	99.1	99.2	99.5	99.6	99.9	100.0
GE 000	82.9	85.8	89.7	93.0	94.9	95.6	97.0	97.7	97.8	98.8	99.1	99.2	99.5	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7248

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 20000	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 18000	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 16000	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 14000	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 12000	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 10000	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 9000	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 8000	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 7000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 6000	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 5000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 4500	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 4000	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 3500	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 3000	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 2500	65.3	65.3	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 2000	73.2	73.2	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 1800	75.5	75.6	77.3	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1500	79.4	79.7	82.0	82.6	82.6	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1200	83.2	83.5	86.4	87.2	87.3	87.4	87.9	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1000	85.7	86.2	89.2	90.2	90.3	90.4	91.3	91.3	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 900	86.2	86.7	90.7	91.9	92.0	92.1	93.0	93.0	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 800	87.0	87.5	92.1	93.4	93.6	93.7	94.6	94.9	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	87.4	88.2	93.0	94.3	94.6	94.7	95.8	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	88.3	89.1	94.2	95.5	95.9	96.0	97.0	97.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	88.8	89.6	94.6	96.3	96.7	96.8	97.8	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	88.8	89.6	94.7	96.5	96.9	97.3	98.3	98.9	98.9	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 300	88.8	89.6	94.7	96.5	97.0	97.4	98.4	99.0	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 200	88.8	89.6	94.7	96.5	97.0	97.4	98.4	99.0	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 100	88.8	89.6	94.7	96.5	97.1	97.5	98.5	99.1	99.1	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	88.8	89.6	94.7	96.5	97.1	97.5	98.5	99.1	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 874



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 20000	34.0	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 18000	34.8	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 16000	34.8	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 14000	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 12000	35.8	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 10000	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 9000	37.3	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 8000	39.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 7000	40.6	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 6000	43.0	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 5000	44.1	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 4500	46.8	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 4000	49.7	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 3500	53.2	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 3000	56.6	57.2	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 2500	62.7	63.4	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 2000	72.2	73.1	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 1800	73.8	74.7	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 1500	78.2	79.5	80.4	80.7	81.0	81.0	81.0	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1200	81.9	83.8	84.9	85.7	85.9	86.0	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1000	83.8	85.8	87.6	88.6	88.9	89.0	89.0	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 900	84.5	86.7	88.9	90.0	90.4	90.5	90.5	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	85.1	87.2	89.7	91.5	92.2	92.3	92.3	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	85.9	88.0	90.9	92.9	93.6	93.7	93.7	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 600	86.7	88.8	91.8	93.8	94.7	94.8	94.8	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	86.9	89.1	92.4	94.4	95.7	96.0	96.0	96.8	96.8	97.3	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	87.3	89.7	93.2	95.5	96.9	97.2	97.3	98.2	98.2	98.8	99.1	99.1	99.2	99.2	99.2	99.2
GE 300	87.6	89.9	93.4	95.7	97.3	97.6	97.8	98.7	98.7	99.2	99.6	99.6	99.8	99.8	99.8	99.8
GE 200	87.6	89.9	93.4	95.7	97.3	97.6	97.9	98.8	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	87.6	89.9	93.4	95.7	97.3	97.6	97.9	98.8	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	87.6	89.9	93.4	95.7	97.3	97.6	97.9	98.8	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 20000	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 18000	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 16000	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 14000	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 12000	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 10000	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 9000	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 8000	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 7000	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 6000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 5000	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 4500	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 4000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 3500	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 3000	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 2500	66.6	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 2000	75.3	75.4	75.8	76.0	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 1800	76.9	77.0	77.5	77.8	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 1500	80.0	80.3	80.9	81.5	81.8	81.8	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1200	83.5	84.5	85.4	86.0	86.5	86.5	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	84.9	86.1	87.4	88.3	88.9	89.0	89.2	89.3	89.3	89.7	90.0	90.0	90.0	90.0	90.0	90.0
GE 900	85.2	86.4	87.8	88.9	89.8	89.9	90.1	90.3	90.3	90.7	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	85.8	87.1	88.5	90.3	91.5	91.6	91.8	92.0	92.0	92.4	92.7	92.7	92.7	92.7	92.7	92.7
GE 700	87.4	88.8	90.3	92.2	93.6	93.7	94.2	94.4	94.4	94.9	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	87.4	88.9	90.4	92.5	94.2	94.4	94.9	95.3	95.3	95.8	96.3	96.3	96.3	96.3	96.3	96.3
GE 500	87.8	89.2	90.8	93.1	95.3	95.5	96.2	96.5	96.5	97.2	97.9	97.9	97.9	98.0	98.1	98.1
GE 400	87.9	89.3	91.0	93.6	95.8	96.4	97.2	97.5	97.6	98.3	99.1	99.1	99.2	99.3	99.4	99.4
GE 300	87.9	89.3	91.0	93.6	96.0	96.5	97.3	97.6	97.9	98.5	99.3	99.3	99.4	99.6	99.7	99.7
GE 200	87.9	89.3	91.0	93.6	96.0	96.5	97.5	97.9	98.1	98.9	99.7	99.7	99.8	99.9	100.0	100.0
GE 100	87.9	89.3	91.0	93.6	96.0	96.5	97.5	97.9	98.1	98.9	99.7	99.7	99.8	99.9	100.0	100.0
GE 000	87.9	89.3	91.0	93.6	96.0	96.5	97.5	97.9	98.1	98.9	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 890

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 20000	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 18000	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 16000	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 14000	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 12000	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 10000	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 9000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 8000	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 7000	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 6000	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 5000	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 4500	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 4000	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 3500	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 3000	59.4	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 2500	67.0	67.0	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 2000	75.7	75.7	76.1	76.1	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 1800	77.9	77.9	78.4	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 1500	82.4	82.5	82.9	83.0	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1200	85.6	86.4	87.0	87.2	87.6	87.7	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
GE 1000	87.7	88.8	89.7	90.3	90.8	91.0	91.6	91.9	91.9	91.9	92.1	92.1	92.1	92.2	92.2	92.2
GE 900	88.1	89.4	90.5	91.1	91.7	91.9	92.5	92.8	92.8	92.8	93.0	93.0	93.0	93.1	93.1	93.1
GE 800	88.5	89.9	91.1	91.7	92.6	93.0	93.7	93.9	93.9	93.9	94.1	94.1	94.2	94.3	94.3	94.3
GE 700	89.3	90.8	92.1	92.8	94.1	94.6	95.6	95.8	95.8	95.9	96.3	96.3	96.4	96.5	96.5	96.5
GE 600	89.4	91.0	92.3	93.2	94.6	95.2	96.4	96.6	96.6	96.8	97.2	97.3	97.4	97.5	97.5	97.5
GE 500	89.6	91.2	92.8	93.7	95.1	96.0	97.2	97.4	97.4	97.6	98.1	98.2	98.4	98.5	98.5	98.5
GE 400	89.7	91.4	93.0	94.0	95.7	96.7	97.9	98.5	98.5	98.8	99.3	99.4	99.7	99.8	99.8	99.8
GE 300	89.8	91.5	93.2	94.2	95.9	96.9	98.1	98.8	98.8	99.0	99.5	99.7	99.9	100.0	100.0	100.0
GE 200	89.8	91.5	93.2	94.2	95.9	96.9	98.1	98.8	98.8	99.0	99.5	99.7	99.9	100.0	100.0	100.0
GE 100	89.8	91.5	93.2	94.2	95.9	96.9	98.1	98.8	98.8	99.0	99.5	99.7	99.9	100.0	100.0	100.0
GE 000	89.8	91.5	93.2	94.2	95.9	96.9	98.1	98.8	98.8	99.0	99.5	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 884

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 20000	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 18000	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 16000	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 14000	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 12000	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 10000	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 9000	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 8000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 7000	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 6000	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 5000	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 4500	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 4000	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 3500	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 3000	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 2500	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 2000	76.4	76.9	77.0	77.1	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 1800	78.3	78.8	78.9	79.0	79.1	79.2	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 1500	82.6	83.6	84.0	84.4	84.8	85.2	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1200	85.6	86.8	87.5	88.4	88.8	89.5	89.8	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 1000	87.2	88.8	89.5	90.9	91.4	92.3	92.9	93.3	93.3	93.3	93.6	93.6	93.7	93.7	93.7	93.7
GE 900	87.7	89.3	90.2	91.5	92.2	93.1	94.0	94.5	94.5	94.5	94.7	94.7	94.8	94.8	94.8	94.8
GE 800	87.9	89.5	90.5	92.0	92.9	93.9	94.9	95.4	95.4	95.4	95.6	95.6	95.9	95.9	95.9	95.9
GE 700	88.1	89.7	90.9	92.6	93.6	94.6	95.7	96.2	96.2	96.6	96.8	96.8	97.2	97.2	97.2	97.2
GE 600	88.5	90.1	91.4	93.1	94.2	95.3	96.4	96.8	96.8	97.4	97.6	97.6	98.0	98.0	98.0	98.0
GE 500	88.7	90.3	91.8	93.5	94.7	95.8	97.1	97.5	97.5	98.2	98.4	98.4	98.8	98.8	98.9	98.9
GE 400	88.8	90.4	92.0	93.7	94.9	96.4	97.6	98.1	98.1	98.9	99.2	99.2	99.5	99.5	99.7	99.7
GE 300	88.8	90.4	92.0	93.7	94.9	96.4	97.6	98.2	98.2	99.0	99.3	99.3	99.7	99.8	99.9	99.9
GE 200	88.8	90.4	92.0	93.7	94.9	96.4	97.6	98.3	98.3	99.1	99.4	99.4	99.8	99.9	100.0	100.0
GE 100	88.8	90.4	92.0	93.7	94.9	96.4	97.6	98.3	98.3	99.1	99.4	99.4	99.8	99.9	100.0	100.0
GE 000	88.8	90.4	92.0	93.7	94.9	96.4	97.6	98.3	98.3	99.1	99.4	99.4	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 886

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 20000	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 18000	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 16000	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 14000	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 12000	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 10000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 9000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 8000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 7000	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 6000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 5000	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 4500	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 4000	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 3500	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 3000	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 2500	63.6	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 2000	74.9	75.0	75.4	75.4	75.7	76.0	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1800	77.2	77.5	77.9	78.1	78.4	78.8	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 1500	80.1	80.7	81.0	81.4	82.1	82.5	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1200	84.7	85.6	86.0	86.6	87.6	88.1	88.5	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	86.0	87.2	87.7	88.9	90.1	90.6	91.1	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 900	86.5	87.9	88.4	89.7	90.9	91.5	92.2	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 800	87.1	88.6	89.4	91.0	92.3	92.8	93.8	94.2	94.3	94.6	94.7	94.7	94.9	94.9	94.9	94.9
GE 700	87.1	88.9	89.7	91.4	92.7	93.5	95.0	95.6	95.7	95.9	96.1	96.1	96.4	96.4	96.4	96.4
GE 600	87.2	89.0	89.8	91.5	93.0	93.8	95.6	96.3	96.4	96.6	96.8	96.8	97.0	97.0	97.0	97.0
GE 500	87.5	89.3	90.1	91.8	93.4	94.2	96.0	97.0	97.3	98.0	98.2	98.2	98.4	98.4	98.4	98.4
GE 400	87.5	89.3	90.1	91.8	93.5	94.6	96.6	97.6	97.8	98.9	99.2	99.2	99.4	99.4	99.4	99.4
GE 300	87.5	89.3	90.1	91.8	93.5	94.6	96.7	97.7	98.0	99.0	99.3	99.3	99.7	99.8	99.8	99.8
GE 200	87.5	89.3	90.1	91.8	93.5	94.6	96.7	97.8	98.1	99.1	99.4	99.4	99.8	99.9	100.0	100.0
GE 100	87.5	89.3	90.1	91.8	93.5	94.6	96.7	97.8	98.1	99.1	99.4	99.4	99.8	99.9	100.0	100.0
GE 000	87.5	89.3	90.1	91.8	93.5	94.6	96.7	97.8	98.1	99.1	99.4	99.4	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 881

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 20000	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 18000	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 16000	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 14000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 12000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 10000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 9000	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 8000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 7000	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 6000	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 5000	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 4500	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 4000	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 3500	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 3000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 2500	63.6	63.7	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 2000	74.2	74.3	74.4	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 1800	77.5	77.9	78.2	78.6	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 1500	80.9	81.5	81.8	82.4	82.7	82.8	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1200	84.6	85.9	86.5	87.5	88.2	88.3	88.5	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	86.7	87.9	88.6	90.0	91.2	91.4	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 900	86.9	88.3	89.2	90.6	91.8	91.9	92.3	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 800	87.4	88.7	89.6	91.0	92.3	92.4	92.9	93.4	93.4	93.9	94.0	94.0	94.1	94.1	94.1	94.1
GE 700	87.5	89.0	90.3	91.9	93.4	94.0	94.7	95.2	95.3	95.9	96.0	96.0	96.1	96.1	96.1	96.1
GE 600	87.9	89.4	91.0	92.6	94.4	95.0	95.9	96.5	96.6	97.2	97.3	97.3	97.4	97.4	97.4	97.4
GE 500	87.9	89.4	91.2	92.8	94.8	95.3	96.6	97.3	97.5	98.5	98.7	98.7	99.0	99.0	99.0	99.0
GE 400	88.1	89.5	91.4	92.9	94.9	95.6	97.0	97.7	98.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4
GE 300	88.1	89.5	91.4	92.9	94.9	95.6	97.0	97.7	98.0	99.0	99.3	99.3	99.5	99.5	99.5	99.5
GE 200	88.1	89.5	91.4	92.9	94.9	95.6	97.0	97.8	98.1	99.1	99.4	99.4	99.7	99.8	100.0	100.0
GE 100	88.1	89.5	91.4	92.9	94.9	95.6	97.0	97.8	98.1	99.1	99.4	99.4	99.7	99.8	100.0	100.0
GE 000	88.1	89.5	91.4	92.9	94.9	95.6	97.0	97.8	98.1	99.1	99.4	99.4	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 879

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 20000	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 18000	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 16000	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 14000	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 12000	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 10000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 9000	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 8000	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 7000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 6000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 5000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 4500	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 4000	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 3500	50.2	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 3000	53.3	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 2500	62.1	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 2000	71.9	72.5	73.1	73.1	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 1800	74.9	75.6	76.3	76.5	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 1500	79.9	81.3	82.6	83.3	83.8	83.9	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1200	82.8	84.6	86.4	87.2	87.8	87.9	88.3	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1000	84.8	87.1	89.2	90.0	90.8	90.9	91.5	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 900	85.1	87.6	90.1	91.0	91.8	91.9	92.5	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 800	85.8	88.4	90.9	92.0	92.9	93.1	93.8	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 700	86.7	89.7	92.4	93.7	94.7	94.9	95.7	96.1	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	87.5	90.4	93.1	94.9	96.2	96.4	97.2	97.5	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	87.5	90.7	93.5	95.3	96.7	97.0	97.9	98.2	98.3	98.9	99.2	99.2	99.3	99.3	99.3	99.3
GE 400	87.5	90.7	93.5	95.4	96.9	97.1	98.1	98.4	98.5	99.2	99.6	99.6	99.7	99.7	99.7	99.7
GE 300	87.5	90.7	93.6	95.6	97.1	97.3	98.3	98.7	98.8	99.4	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	87.5	90.7	93.6	95.6	97.1	97.3	98.3	98.7	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	87.5	90.7	93.6	95.6	97.1	97.3	98.3	98.7	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	87.5	90.7	93.6	95.6	97.1	97.3	98.3	98.7	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 890

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 20000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 18000	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 16000	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 14000	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 12000	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 10000	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 9000	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 8000	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 7000	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 6000	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 5000	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 4500	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 4000	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 3500	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 3000	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 2500	64.7	64.8	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 2000	74.2	74.5	75.0	75.1	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 1800	76.5	76.9	77.5	77.7	77.9	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 1500	80.4	81.2	82.0	82.4	82.7	82.9	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1200	84.0	85.1	86.3	87.0	87.5	87.7	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1000	85.9	87.2	88.6	89.6	90.3	90.6	91.0	91.3	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	86.3	87.8	89.5	90.6	91.3	91.6	92.1	92.4	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 800	86.8	88.4	90.2	91.6	92.5	92.9	93.5	93.8	93.9	94.1	94.2	94.2	94.3	94.4	94.4	94.4
GE 700	87.4	89.1	91.2	92.7	93.8	94.2	95.0	95.5	95.5	95.9	96.1	96.1	96.2	96.2	96.2	96.2
GE 600	87.9	89.6	91.8	93.4	94.6	95.1	96.0	96.5	96.6	97.0	97.2	97.2	97.3	97.3	97.3	97.3
GE 500	88.1	89.9	92.1	93.9	95.3	95.8	96.8	97.4	97.5	98.1	98.4	98.4	98.6	98.6	98.6	98.6
GE 400	88.2	90.0	92.4	94.2	95.7	96.4	97.5	98.1	98.2	98.9	99.3	99.3	99.5	99.5	99.5	99.5
GE 300	88.2	90.0	92.4	94.3	95.8	96.5	97.7	98.3	98.4	99.1	99.5	99.5	99.7	99.8	99.8	99.8
GE 200	88.2	90.0	92.4	94.3	95.8	96.5	97.7	98.4	98.5	99.2	99.6	99.6	99.8	99.9	100.0	100.0
GE 100	88.2	90.0	92.4	94.3	95.8	96.6	97.7	98.4	98.5	99.2	99.6	99.6	99.9	99.9	100.0	100.0
GE 000	88.2	90.0	92.4	94.3	95.8	96.6	97.7	98.4	98.5	99.2	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7077



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4
GE 20000	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5
GE 18000	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5
GE 16000	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5
GE 14000	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5
GE 12000	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0
GE 10000	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.4	36.4	36.4	36.4	36.4	36.4
GE 9000	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.5	37.5	37.5	37.5	37.5	37.5
GE 8000	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0
GE 7000	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2
GE 6000	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7
GE 5000	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1
GE 4500	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1
GE 4000	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5
GE 3500	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3
GE 3000	52.3	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6
GE 2500	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
GE 2000	69.7	69.8	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2
GE 1800	73.1	73.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0
GE 1500	79.0	79.3	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
GE 1200	81.7	82.2	83.5	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
GE 1000	83.2	84.3	86.5	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
GE 900	84.1	85.2	87.4	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
GE 800	84.8	86.0	88.4	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 700	86.2	87.4	90.8	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 600	86.9	88.4	91.8	93.0	93.9	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3
GE 500	87.3	88.8	92.9	94.7	95.8	96.4	96.5	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	87.3	88.8	92.9	95.0	96.9	97.5	98.2	98.2	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	87.3	88.8	93.3	95.5	97.5	98.0	98.8	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	87.4	89.0	93.4	95.6	97.6	98.1	98.9	99.1	99.1	99.3	99.6	99.6	99.6	99.6	99.9	99.9
GE 100	87.4	89.0	93.4	95.6	97.6	98.1	98.9	99.1	99.1	99.3	99.7	99.7	99.7	99.7	100.0	100.0
GE 000	87.4	89.0	93.4	95.6	97.6	98.1	98.9	99.1	99.1	99.3	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 905

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.1	28.4	28.5	28.5	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 20000	31.7	31.9	32.0	32.0	32.0	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 18000	31.8	32.0	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 16000	31.9	32.1	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 14000	32.4	32.6	32.7	32.7	32.7	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 12000	32.9	33.1	33.2	33.2	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 10000	34.5	34.7	34.8	34.8	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 9000	35.2	35.4	35.5	35.5	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 8000	36.4	36.6	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 7000	38.1	38.3	38.4	38.4	38.4	38.4	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.8	38.8
GE 6000	39.6	39.9	40.0	40.0	40.0	40.0	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.3	40.3
GE 5000	41.1	41.3	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.7	41.7
GE 4500	43.6	43.8	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.2
GE 4000	45.3	45.6	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	46.0	46.0
GE 3500	48.0	48.2	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.6	48.6
GE 3000	51.8	52.0	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.5	52.5
GE 2500	59.0	59.3	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.8
GE 2000	66.8	67.1	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	68.0	68.0
GE 1800	69.6	69.9	70.4	70.5	70.5	70.5	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.9	70.9
GE 1500	76.1	76.8	77.4	77.7	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.0	78.0
GE 1200	78.9	80.0	81.5	81.9	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.3	82.3
GE 1000	80.8	82.1	84.4	85.1	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4
GE 900	81.8	83.4	85.7	86.5	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.9	86.9
GE 800	83.1	84.7	87.4	88.7	88.9	88.9	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.3	89.3
GE 700	84.0	85.7	88.8	90.1	90.7	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1
GE 600	84.8	86.7	90.3	92.1	93.0	93.0	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.6
GE 500	85.1	87.2	91.7	94.0	95.0	95.0	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7
GE 400	85.1	87.4	92.1	94.6	96.6	96.7	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.2	98.2
GE 300	85.1	87.4	92.3	94.9	96.9	97.0	98.1	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 200	85.1	87.4	92.3	94.9	96.9	97.0	98.1	98.4	98.4	98.7	98.9	98.9	99.2	99.3	99.9	99.9
GE 100	85.1	87.4	92.3	94.9	96.9	97.0	98.1	98.4	98.4	98.7	98.9	98.9	99.2	99.3	100.0	100.0
GE 000	85.1	87.4	92.3	94.9	96.9	97.0	98.1	98.4	98.4	98.7	98.9	98.9	99.2	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 913

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 20000	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 18000	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 16000	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 14000	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 12000	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 10000	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 9000	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 8000	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 7000	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 6000	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 5000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 4500	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 4000	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 3500	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 3000	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 2500	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 2000	68.4	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 1800	71.5	71.6	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 1500	76.2	76.8	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 1200	78.9	79.6	80.4	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1000	81.6	82.3	84.2	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 900	81.9	82.7	84.7	85.5	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 800	83.1	83.9	86.1	86.9	87.3	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 700	84.2	85.1	87.7	88.5	88.8	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 600	85.5	86.6	89.4	90.4	90.8	90.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 500	86.0	87.9	91.2	92.6	93.7	94.0	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 400	86.4	88.3	91.6	93.4	94.9	95.6	96.9	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 300	86.4	88.4	91.7	93.9	95.3	96.2	97.5	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	86.4	88.4	91.7	93.9	95.3	96.2	97.5	98.5	98.5	99.0	99.1	99.1	99.1	99.2	99.4	99.6
GE 100	86.4	88.4	91.7	93.9	95.3	96.2	97.5	98.5	98.5	99.0	99.1	99.1	99.1	99.2	99.9	100.0
GE 000	86.4	88.4	91.7	93.9	95.3	96.2	97.5	98.5	98.5	99.0	99.1	99.1	99.1	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 895

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 20000	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 18000	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 16000	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 14000	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 12000	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 10000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 9000	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 8000	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 7000	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 6000	39.8	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 5000	41.3	41.3	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 4500	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 4000	44.6	44.6	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 3500	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 3000	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 2500	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 2000	70.5	70.6	70.7	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 1800	73.7	73.8	73.9	74.0	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 1500	78.5	78.7	78.8	78.9	78.9	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1200	83.6	84.2	84.5	84.6	84.8	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1000	85.7	86.6	87.4	87.9	88.3	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 900	86.0	87.1	87.8	88.4	88.7	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 800	86.5	87.6	88.5	89.6	90.2	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	87.3	88.6	89.6	91.0	91.6	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 600	87.4	88.8	89.9	91.5	92.4	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	87.7	89.4	90.9	92.6	93.8	95.0	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 400	88.3	90.2	91.8	93.5	95.2	96.7	97.5	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 300	88.4	90.4	92.0	93.7	95.5	96.9	97.9	98.8	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 200	88.4	90.4	92.0	93.7	95.5	96.9	97.9	98.8	98.8	99.6	99.6	99.6	99.8	99.9	99.9	99.9
GE 100	88.4	90.4	92.0	93.7	95.5	96.9	97.9	98.8	98.8	99.6	99.6	99.6	99.9	100.0	100.0	100.0
GE 000	88.4	90.4	92.0	93.7	95.5	96.9	97.9	98.8	98.8	99.6	99.6	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 904

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
GE 20000	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 18000	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 16000	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 14000	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 12000	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 10000	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 9000	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 8000	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 7000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 6000	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 5000	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 4500	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 4000	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 3500	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 3000	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 2500	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
GE 2000	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7
GE 1800	75.0	75.2	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
GE 1500	79.9	80.7	81.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
GE 1200	83.4	84.2	84.8	85.6	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
GE 1000	85.6	87.2	88.0	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3
GE 900	85.8	87.8	88.7	89.6	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
GE 800	86.1	88.1	89.0	90.2	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	86.5	89.1	90.2	91.8	92.7	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 600	86.6	89.3	90.6	92.5	93.7	94.3	94.7	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	86.8	89.6	90.8	93.1	94.8	95.6	96.1	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 400	87.1	89.9	91.2	93.8	95.9	97.0	98.2	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	87.1	89.9	91.3	93.9	96.1	97.2	98.4	99.0	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	87.1	89.9	91.3	93.9	96.1	97.2	98.4	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.1	89.9	91.3	93.9	96.1	97.2	98.4	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.1	89.9	91.3	93.9	96.1	97.2	98.4	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 901

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
GE 20000	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 18000	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 16000	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 14000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 12000	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 10000	34.5	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 9000	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 8000	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 7000	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 6000	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 5000	39.7	39.8	39.8	39.8	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 4500	41.5	41.6	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 4000	45.1	45.3	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 3500	49.8	49.9	50.0	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 3000	54.3	54.4	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 2500	63.2	63.4	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 2000	72.3	72.7	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 1800	74.7	75.5	75.8	76.0	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 1500	79.8	81.2	81.7	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1200	83.9	86.0	86.6	87.1	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1000	85.5	87.7	88.6	89.4	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	86.1	88.4	89.3	90.1	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 800	86.5	89.0	90.0	90.8	91.8	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 700	87.3	90.0	91.1	91.9	92.9	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 600	87.3	90.1	91.2	92.8	94.4	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 500	87.5	90.4	91.9	94.0	95.9	96.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	87.6	90.5	92.1	94.4	96.2	97.4	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	87.6	90.5	92.1	94.4	96.4	97.7	98.9	99.0	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	87.6	90.5	92.1	94.4	96.4	97.7	98.9	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.9	99.9
GE 100	87.6	90.5	92.1	94.4	96.4	97.7	98.9	99.0	99.1	99.4	99.7	99.7	99.8	99.9	100.0	100.0
GE 000	87.6	90.5	92.1	94.4	96.4	97.7	98.9	99.0	99.1	99.4	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 906

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 20000	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 18000	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 16000	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 14000	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 12000	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 10000	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 9000	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 8000	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 7000	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 6000	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 5000	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 4500	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 4000	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 3500	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 3000	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 2500	63.6	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 2000	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 1800	76.4	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 1500	81.2	81.9	82.5	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1200	84.0	84.9	85.7	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1000	85.5	86.8	88.1	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 900	86.3	87.7	89.1	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 800	86.6	87.9	89.6	91.2	91.6	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 700	87.5	88.9	91.0	92.8	93.5	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 600	87.6	89.1	91.2	93.1	94.0	94.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 500	88.3	90.1	92.2	94.5	95.4	96.0	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	88.3	90.1	92.2	94.5	95.6	96.3	97.0	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	88.5	90.3	92.5	94.8	96.0	96.9	97.7	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	88.5	90.3	92.5	94.8	96.0	96.9	97.9	99.0	99.1	99.2	99.3	99.3	99.3	99.4	99.8	99.8
GE 100	88.5	90.3	92.5	94.8	96.0	96.9	97.9	99.0	99.1	99.2	99.3	99.3	99.3	99.4	99.9	100.0
GE 000	88.5	90.3	92.5	94.8	96.0	96.9	97.9	99.0	99.1	99.2	99.3	99.3	99.3	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 901

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 20000	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 18000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 16000	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 14000	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 12000	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 10000	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 9000	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 8000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 7000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 6000	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 5000	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 4500	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 4000	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 3500	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 3000	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 2500	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 2000	72.8	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 1800	75.1	75.6	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 1500	79.5	80.2	80.9	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1200	81.8	82.8	83.8	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1000	83.4	85.1	86.2	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 900	84.3	86.3	87.6	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 800	85.5	87.6	89.2	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 700	86.3	88.7	90.7	92.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 600	86.7	89.1	91.3	93.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 500	86.8	89.5	92.0	94.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	86.8	89.5	92.3	95.1	97.6	98.0	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	86.8	89.5	92.3	95.1	97.6	98.0	98.7	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	86.8	89.5	92.3	95.1	97.6	98.0	98.7	98.8	98.9	99.6	99.6	99.6	99.6	99.6	99.8	99.8
GE 100	86.8	89.5	92.3	95.1	97.6	98.0	98.7	98.8	98.9	99.7	99.7	99.7	99.7	99.8	100.0	100.0
GE 000	86.8	89.5	92.3	95.1	97.6	98.0	98.7	98.8	98.9	99.7	99.7	99.7	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4
GE 20000	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 18000	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 16000	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 14000	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 12000	34.4	34.4	34.4	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 10000	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 9000	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 8000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 7000	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3
GE 6000	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 5000	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 4500	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.6	43.6
GE 4000	45.6	45.7	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 3500	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1
GE 3000	53.1	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 2500	61.4	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 2000	70.6	70.8	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 1800	73.6	73.9	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 1500	78.8	79.4	79.9	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 1200	82.0	83.0	83.9	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
GE 1000	83.9	85.3	86.7	87.5	87.8	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 900	84.5	86.1	87.5	88.4	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 800	85.3	86.8	88.5	89.6	90.1	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 700	86.2	87.9	90.0	91.3	92.0	92.3	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6
GE 600	86.6	88.5	90.7	92.3	93.3	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 500	87.0	89.1	91.7	93.7	95.1	95.7	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 400	87.1	89.3	92.0	94.3	96.1	96.9	97.8	98.1	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 300	87.1	89.4	92.2	94.5	96.4	97.3	98.3	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3
GE 200	87.2	89.4	92.2	94.5	96.4	97.3	98.3	98.8	98.9	99.3	99.5	99.5	99.5	99.6	99.8	99.8
GE 100	87.2	89.4	92.2	94.5	96.4	97.3	98.3	98.8	98.9	99.3	99.5	99.5	99.6	99.7	100.0	100.0
GE 000	87.2	89.4	92.2	94.5	96.4	97.3	98.3	98.8	98.9	99.3	99.5	99.5	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7243

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
GE 20000	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 18000	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 16000	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 14000	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 12000	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 10000	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 9000	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 8000	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 7000	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 6000	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 5000	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 4500	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 4000	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 3500	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 3000	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 2500	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 2000	64.2	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 1800	67.3	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 1500	72.0	72.8	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 1200	75.9	77.2	77.9	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 1000	78.1	79.6	80.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 900	79.3	80.9	82.0	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 800	80.3	82.2	84.0	86.4	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 700	81.7	83.8	86.4	89.7	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 600	82.7	84.9	88.0	91.8	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 500	82.8	85.0	88.9	93.2	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 400	83.1	85.2	89.4	94.2	96.3	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 300	83.2	85.4	89.7	95.1	97.9	98.6	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	83.2	85.4	89.7	95.2	98.1	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	83.2	85.4	89.7	95.3	98.2	98.9	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	83.2	85.4	89.7	95.3	98.2	98.9	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 874

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK

PERIOD OF RECORD: JAN 80 - DEC 89

LST TO UTC: + 9

MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
GE 20000	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
GE 18000	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 16000	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 14000	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 12000	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 10000	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 9000	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 8000	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
GE 7000	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 6000	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 5000	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 4500	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 4000	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 3500	43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 3000	46.0	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 2500	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 2000	61.2	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 1800	63.8	64.4	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 1500	70.0	71.1	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 1200	72.9	74.2	75.3	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 1000	75.3	76.5	77.8	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 900	76.0	77.2	78.9	80.5	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 800	78.4	79.8	81.7	83.5	84.5	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 700	79.9	82.2	84.2	86.6	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 600	81.0	83.6	86.0	88.6	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 500	81.3	83.9	86.9	90.3	92.2	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 400	81.8	84.5	88.1	92.2	94.9	95.1	95.6	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 300	82.2	84.9	88.8	92.9	95.8	96.2	97.3	97.6	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	82.2	84.9	88.8	92.9	96.0	96.5	97.6	98.0	98.1	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 100	82.2	84.9	88.8	92.9	96.0	96.5	97.6	98.0	98.1	98.9	99.0	99.0	99.7	99.7	99.8	100.0
GE 000	82.2	84.9	88.8	92.9	96.0	96.5	97.6	98.0	98.1	98.9	99.0	99.0	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 886

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 20000	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 18000	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2
GE 16000	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 14000	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 12000	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 10000	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 9000	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 8000	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 7000	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 6000	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 5000	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 4500	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 4000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 3500	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 3000	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 2500	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 2000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 1800	64.9	65.0	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 1500	70.6	71.2	71.3	71.6	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 1200	75.3	76.3	76.4	76.9	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 1000	78.3	79.5	80.1	81.2	81.5	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 900	78.9	80.1	80.7	82.1	82.6	82.8	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 800	80.2	81.6	82.6	84.4	84.9	85.2	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 700	81.6	83.2	84.7	87.0	87.8	88.6	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 600	82.9	84.6	86.2	89.0	90.6	91.5	92.4	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 500	83.7	85.4	87.1	90.1	91.9	92.9	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 400	83.8	85.9	87.9	91.1	92.9	94.2	95.8	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 300	83.8	85.9	88.4	91.8	93.8	95.3	97.1	97.5	97.5	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 200	83.8	85.9	88.4	91.8	93.9	95.5	97.6	98.2	98.2	98.6	98.9	98.9	99.1	99.1	99.1	99.2
GE 100	83.8	85.9	88.4	91.8	93.9	95.5	97.6	98.2	98.2	98.6	98.9	98.9	99.3	99.3	99.7	99.8
GE 000	83.8	85.9	88.4	91.8	93.9	95.5	97.6	98.2	98.2	98.6	98.9	98.9	99.3	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 885

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 20000	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 18000	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 16000	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 14000	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 12000	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
GE 10000	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 9000	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
GE 8000	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 7000	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 6000	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 5000	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 4500	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 4000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 3500	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 3000	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 2500	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 2000	65.0	65.4	65.5	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 1800	66.6	67.0	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 1500	71.1	71.9	72.1	72.1	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 1200	75.9	77.2	77.6	78.3	79.0	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1000	78.1	79.6	80.2	81.2	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 900	78.8	80.8	81.6	82.7	83.7	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 800	79.8	82.4	83.4	84.8	86.1	86.6	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 700	81.1	83.8	84.9	86.7	88.3	89.3	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 600	82.0	84.8	86.2	88.2	90.1	91.2	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 500	82.5	85.4	86.7	88.8	91.0	92.4	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 400	82.9	85.8	87.3	89.3	92.1	93.9	95.2	95.7	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 300	83.0	85.9	87.5	89.7	92.4	94.7	96.0	96.7	96.7	97.3	97.4	97.4	97.6	97.7	97.7	97.7
GE 200	83.1	86.1	87.6	89.9	93.1	95.4	96.9	97.6	97.7	98.3	98.6	98.6	98.9	99.1	99.3	99.3
GE 100	83.1	86.1	87.6	89.9	93.1	95.4	96.9	97.6	97.7	98.4	98.8	98.8	99.2	99.5	100.0	100.0
GE 000	83.1	86.1	87.6	89.9	93.1	95.4	96.9	97.6	97.7	98.4	98.8	98.8	99.2	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 882

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
GE 20000	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
GE 18000	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
GE 16000	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
GE 14000	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 12000	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
GE 10000	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
GE 9000	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 8000	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 7000	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
GE 6000	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
GE 5000	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 4500	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 4000	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 3500	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 3000	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 2500	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 2000	68.8	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 1800	71.1	71.5	71.7	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 1500	74.8	75.5	75.9	75.9	76.2	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 1200	78.5	79.7	80.1	80.5	80.9	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1000	80.2	82.1	82.9	83.8	84.2	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 900	81.0	83.4	84.2	85.1	85.7	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 800	82.0	84.4	85.4	86.7	87.7	88.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 700	83.4	86.0	87.3	89.1	90.2	91.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 600	83.9	86.5	88.2	90.4	91.5	92.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	84.2	87.2	89.3	91.6	93.0	94.4	95.8	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 400	84.2	87.2	89.3	91.6	93.2	94.9	97.0	97.2	97.2	97.6	97.6	97.7	97.8	97.8	97.8	97.8
GE 300	84.2	87.2	89.4	91.9	93.5	95.5	97.6	97.7	97.7	98.2	98.2	98.4	98.5	98.5	98.5	98.5
GE 200	84.3	87.3	89.6	92.1	93.8	95.7	98.2	98.6	98.6	99.1	99.3	99.5	99.7	99.7	99.7	99.7
GE 100	84.3	87.3	89.6	92.1	93.8	95.7	98.2	98.6	98.6	99.2	99.4	99.7	99.8	99.9	100.0	100.0
GE 000	84.3	87.3	89.6	92.1	93.8	95.7	98.2	98.6	98.6	99.2	99.4	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 881

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 20000	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 18000	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 16000	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 14000	29.2	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 12000	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 10000	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 9000	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 8000	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
GE 7000	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 6000	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 5000	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 4500	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 4000	42.7	42.8	42.8	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 3500	46.8	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 3000	51.5	51.6	51.6	51.6	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 2500	62.2	62.3	62.3	62.3	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 2000	71.1	71.8	71.9	72.0	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 1800	73.3	73.9	74.2	74.3	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 1500	76.3	77.5	77.7	77.8	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 1200	80.7	82.5	83.3	84.1	84.5	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1000	82.7	84.5	85.6	86.5	86.9	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 900	83.0	85.0	86.1	87.1	87.7	87.8	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 800	83.4	85.3	86.6	87.9	88.6	89.2	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 700	83.7	85.8	87.6	89.1	90.0	91.2	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 600	84.1	86.2	88.4	90.3	91.5	93.1	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	84.4	86.6	88.9	91.4	92.9	95.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	84.4	86.7	89.2	91.8	93.5	96.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	84.4	86.7	89.2	91.8	93.7	96.6	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	84.4	86.7	89.2	91.8	93.7	96.6	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 100	84.4	86.7	89.2	91.8	93.7	96.6	99.0	99.1	99.2	99.4	99.5	99.5	99.5	99.5	100.0	100.0
GE 000	84.4	86.7	89.2	91.8	93.7	96.6	99.0	99.1	99.2	99.4	99.5	99.5	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 879

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
GE 20000	28.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 18000	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 16000	28.7	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 14000	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 12000	30.4	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 10000	31.3	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 9000	32.4	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 8000	33.4	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 7000	33.9	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 6000	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 5000	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 4500	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 4000	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 3500	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 3000	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 2500	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 2000	71.1	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 1800	73.4	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 1500	76.0	76.7	77.1	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 1200	79.3	80.1	80.9	81.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1000	81.3	82.6	83.7	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 900	82.3	83.7	85.0	85.4	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 800	83.7	85.3	86.8	87.8	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 700	84.2	85.8	87.7	88.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 600	84.5	86.2	88.5	89.6	91.2	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 500	84.9	86.8	89.3	90.8	92.8	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 400	85.1	87.0	89.6	91.6	94.9	96.5	97.2	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	85.1	87.0	89.8	91.7	95.4	97.3	98.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	85.1	87.0	89.8	91.7	95.4	97.3	98.0	99.0	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	85.1	87.0	89.8	91.7	95.4	97.3	98.0	99.0	99.2	99.5	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	85.1	87.0	89.8	91.7	95.4	97.3	98.0	99.0	99.2	99.5	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 879



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 20000	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 18000	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 16000	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 14000	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 12000	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 10000	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 9000	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 8000	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 7000	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 6000	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 5000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 4500	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 4000	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 3500	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 3000	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 2500	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 2000	66.8	67.0	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 1800	69.7	69.9	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 1500	73.1	73.6	74.4	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 1200	77.0	78.0	79.1	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 1000	78.5	79.8	81.3	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 900	79.3	80.7	82.5	83.3	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 800	80.8	82.8	85.1	86.4	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 700	81.6	83.9	86.5	88.3	89.9	90.1	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 600	82.2	84.4	87.3	89.4	91.0	91.5	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 500	82.7	85.3	88.8	91.3	93.2	94.1	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.5	95.5
GE 400	83.0	85.7	89.3	92.3	94.5	95.9	97.3	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
GE 300	83.0	85.7	89.4	92.4	95.0	96.5	98.0	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.4	99.4
GE 200	83.0	85.7	89.4	92.4	95.0	96.5	98.0	99.2	99.3	99.4	99.4	99.4	99.7	99.7	99.9	99.9
GE 100	83.0	85.7	89.4	92.4	95.0	96.5	98.0	99.2	99.3	99.4	99.5	99.5	99.8	99.8	100.0	100.0
GE 000	83.0	85.7	89.4	92.4	95.0	96.5	98.0	99.2	99.3	99.4	99.5	99.5	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 880

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
GE 20000	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 18000	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 16000	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 14000	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 12000	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 10000	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 9000	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 8000	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 7000	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 6000	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 5000	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 4500	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 4000	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 3500	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 3000	49.6	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 2500	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 2000	66.2	66.6	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 1800	68.7	69.2	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 1500	73.0	73.8	74.2	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 1200	76.9	78.1	78.8	79.4	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1000	79.1	80.5	81.5	82.4	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 900	79.8	81.5	82.6	83.8	84.3	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 800	81.1	83.0	84.4	86.0	86.9	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 700	82.1	84.3	86.2	88.2	89.3	89.9	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 600	82.9	85.2	87.3	89.7	91.1	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 500	83.3	85.7	88.2	90.9	92.7	93.8	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 400	83.5	86.0	88.8	91.8	94.0	95.5	96.7	97.1	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4
GE 300	83.6	86.1	89.0	92.2	94.7	96.3	97.7	98.2	98.3	98.6	98.7	98.7	98.7	98.8	98.8	98.8
GE 200	83.6	86.1	89.1	92.2	94.9	96.5	98.1	98.7	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.5
GE 100	83.6	86.1	89.1	92.2	94.9	96.5	98.1	98.7	98.8	99.2	99.4	99.4	99.6	99.7	99.9	100.0
GE 000	83.6	86.1	89.1	92.2	94.9	96.5	98.1	98.7	98.8	99.2	99.4	99.4	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7046

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.6	28.6	28.6	28.6	28.6	28.6
GE 20000	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0
GE 18000	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2
GE 16000	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.6	34.6	34.6	34.6	34.6	34.6
GE 14000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9
GE 12000	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7
GE 10000	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0
GE 9000	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9
GE 8000	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4
GE 7000	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8
GE 6000	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3
GE 5000	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8
GE 4500	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7
GE 4000	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2
GE 3500	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4
GE 3000	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4
GE 2500	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
GE 2000	70.2	70.4	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
GE 1800	73.3	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1
GE 1500	77.1	77.3	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
GE 1200	79.8	80.0	81.4	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
GE 1000	81.7	82.1	83.8	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 900	82.2	82.8	84.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
GE 800	82.9	83.6	85.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 700	83.6	84.3	86.6	87.7	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 600	84.7	85.4	87.8	89.4	90.1	90.1	90.4	90.6	90.6	90.7	90.8	90.8	91.0	91.0	91.0	91.0
GE 500	86.4	87.4	90.7	92.4	93.4	93.4	93.8	93.9	93.9	94.2	94.3	94.3	94.6	94.6	94.8	94.8
GE 400	86.8	87.8	91.4	93.6	94.8	94.8	95.2	95.3	95.3	96.1	96.2	96.2	96.7	96.7	96.9	96.9
GE 300	86.8	87.9	91.7	94.0	96.0	96.3	96.8	96.9	96.9	97.8	98.1	98.1	98.6	98.6	98.8	98.9
GE 200	86.8	87.9	92.0	94.4	96.7	97.0	97.4	97.6	97.6	98.6	98.9	98.9	99.3	99.3	99.6	99.7
GE 100	86.8	87.9	92.0	94.4	96.7	97.0	97.4	97.6	97.6	98.6	98.9	98.9	99.3	99.3	99.9	100.0
GE 000	86.8	87.9	92.0	94.4	96.7	97.0	97.4	97.6	97.6	98.6	98.9	98.9	99.3	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
GE 20000	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 18000	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 16000	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 14000	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 12000	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 10000	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 9000	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 8000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 7000	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 6000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 5000	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 4500	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5
GE 4000	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9
GE 3500	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7
GE 3000	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3
GE 2500	61.8	61.8	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2
GE 2000	69.2	69.3	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8
GE 1800	72.1	72.2	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6
GE 1500	76.4	76.5	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.3	77.3	77.3	77.3
GE 1200	78.2	78.6	79.0	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7
GE 1000	80.1	80.5	81.1	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8
GE 900	80.3	80.8	81.5	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3
GE 800	81.0	81.5	82.9	83.4	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
GE 700	82.6	83.3	84.7	85.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6
GE 600	83.2	83.8	85.7	86.5	87.6	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.5	88.5	88.5	88.5
GE 500	84.7	85.5	87.8	89.0	90.2	90.7	91.3	91.3	91.3	91.8	91.8	91.8	92.1	92.1	92.1	92.1
GE 400	84.9	85.8	88.5	90.0	91.9	92.3	93.0	93.1	93.1	93.5	93.6	93.6	94.1	94.2	94.2	94.2
GE 300	85.9	86.8	89.6	91.2	93.6	94.2	94.9	95.2	95.2	95.7	96.4	96.4	96.9	97.0	97.3	97.5
GE 200	85.9	86.8	90.1	91.8	94.5	95.1	95.9	96.3	96.3	97.0	97.9	97.9	98.6	98.7	99.0	99.2
GE 100	85.9	86.8	90.1	91.8	94.5	95.1	95.9	96.3	96.3	97.0	97.9	97.9	98.6	98.8	99.6	100.0
GE 000	85.9	86.8	90.1	91.8	94.5	95.1	95.9	96.3	96.3	97.0	97.9	97.9	98.6	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 910

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 20000	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 18000	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 16000	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 14000	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 12000	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
GE 10000	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 9000	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 8000	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 7000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 6000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 5000	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 4500	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0
GE 4000	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3
GE 3500	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4
GE 3000	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6
GE 2500	62.3	62.4	62.5	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8
GE 2000	67.6	67.7	68.0	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4
GE 1800	69.2	69.3	69.5	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
GE 1500	73.5	74.0	74.3	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
GE 1200	76.6	77.3	77.6	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6
GE 1000	78.9	79.7	80.1	81.0	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5
GE 900	79.6	80.6	81.0	82.1	82.4	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.9
GE 800	80.2	81.3	81.9	83.2	83.6	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1
GE 700	80.9	82.0	82.7	84.1	84.5	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.0
GE 600	82.0	83.1	84.1	85.9	86.5	86.6	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.2
GE 500	83.3	84.4	85.9	88.1	89.2	89.6	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.7	90.8
GE 400	83.6	84.8	86.6	89.1	90.6	91.3	92.4	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.4	93.5
GE 300	83.8	84.9	86.7	89.8	91.8	93.1	94.7	95.0	95.1	95.8	96.0	96.1	96.2	96.2	96.8	97.0
GE 200	83.8	84.9	86.9	89.9	92.2	93.5	95.0	95.5	95.8	96.8	97.5	97.6	97.8	98.0	99.0	99.2
GE 100	83.8	84.9	86.9	89.9	92.2	93.5	95.0	95.5	95.8	96.8	97.6	97.7	97.9	98.3	99.3	99.8
GE 000	83.8	84.9	86.9	89.9	92.2	93.5	95.0	95.5	95.8	96.8	97.6	97.7	97.9	98.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 905

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.3	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 20000	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 18000	32.8	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 16000	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 14000	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 12000	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 10000	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 9000	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 8000	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0
GE 7000	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4
GE 6000	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.0	45.0	45.0	45.0
GE 5000	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4
GE 4500	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.9
GE 4000	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5
GE 3500	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7
GE 3000	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0
GE 2500	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
GE 2000	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6
GE 1800	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3
GE 1500	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1
GE 1200	81.0	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3
GE 1000	83.9	84.8	85.2	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
GE 900	84.0	84.9	85.3	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
GE 800	85.9	86.7	87.2	87.7	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
GE 700	86.7	87.6	88.0	88.6	89.1	89.3	89.3	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6
GE 600	87.4	88.4	88.9	89.7	90.4	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1
GE 500	87.9	89.1	89.8	90.8	92.1	92.5	92.9	93.0	93.0	93.2	93.2	93.2	93.4	93.4	93.5	93.8
GE 400	88.0	89.5	90.4	91.4	92.8	93.2	93.8	94.1	94.2	94.6	94.6	94.6	95.0	95.0	95.2	95.4
GE 300	88.3	89.7	90.7	91.9	93.6	94.4	95.3	95.6	95.8	96.9	96.9	97.0	97.6	97.6	97.8	98.0
GE 200	88.4	89.8	90.8	92.0	94.0	95.0	95.9	96.3	96.5	97.8	98.1	98.2	98.9	99.0	99.2	99.5
GE 100	88.4	89.8	90.8	92.0	94.0	95.1	96.1	96.4	96.6	97.9	98.2	98.4	99.0	99.1	99.5	99.8
GE 000	88.4	89.8	90.8	92.0	94.0	95.1	96.1	96.4	96.6	97.9	98.2	98.4	99.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE 20000	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 18000	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 16000	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 14000	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 12000	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 10000	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 9000	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 8000	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 7000	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.1	42.1	42.1	42.1
GE 6000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0
GE 5000	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.0	45.0	45.0	45.0
GE 4500	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9
GE 4000	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	50.0	50.0
GE 3500	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.3	54.3	54.5	54.5
GE 3000	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	59.0	59.0	59.1	59.1
GE 2500	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.2	68.2	68.3	68.3
GE 2000	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.4	77.4
GE 1800	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.8	79.8
GE 1500	83.0	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	84.0	84.0	84.1	84.1
GE 1200	84.9	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9	86.0	86.0	86.1	86.1
GE 1000	86.2	87.1	87.5	87.5	87.5	87.8	87.8	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.2	88.2
GE 900	86.4	87.3	87.8	87.8	87.8	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.5	88.5
GE 800	87.1	88.0	88.8	89.1	89.1	89.3	89.4	89.5	89.5	89.6	89.6	89.6	89.8	89.8	89.9	89.9
GE 700	87.6	88.6	89.5	90.0	90.1	90.4	90.6	90.8	90.8	91.0	91.0	91.0	91.1	91.1	91.2	91.2
GE 600	87.9	88.9	90.0	90.5	90.9	91.2	91.5	91.8	91.8	92.0	92.0	92.0	92.1	92.1	92.2	92.2
GE 500	88.1	89.4	90.9	91.4	92.2	92.9	94.1	94.3	94.3	94.7	94.7	94.7	94.8	94.9	95.0	95.0
GE 400	88.4	89.9	91.3	92.2	93.4	94.1	95.7	96.1	96.1	96.4	96.4	96.4	96.7	96.8	96.9	96.9
GE 300	88.5	90.0	91.4	92.4	93.8	94.8	96.7	97.1	97.2	97.8	97.8	97.8	98.1	98.2	98.3	98.4
GE 200	88.5	90.0	91.4	92.4	94.0	95.1	97.0	97.6	97.7	98.2	98.4	98.4	99.0	99.2	99.3	99.4
GE 100	88.5	90.0	91.4	92.4	94.2	95.3	97.2	97.8	97.9	98.6	98.9	98.9	99.4	99.7	99.8	99.9
GE 000	88.5	90.0	91.4	92.4	94.2	95.3	97.2	97.8	97.9	98.6	98.9	98.9	99.4	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE 20000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 18000	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 16000	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 14000	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 12000	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 10000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 9000	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 8000	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 7000	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 6000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 5000	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 4500	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 4000	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 3500	57.4	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 3000	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 2500	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 2000	79.1	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 1800	81.1	81.4	81.5	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1500	83.4	83.7	84.0	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1200	86.1	86.9	87.3	87.5	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1000	87.1	87.9	89.0	89.6	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	87.4	88.3	89.5	90.2	90.7	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	88.1	89.0	90.2	91.1	91.7	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 700	88.5	89.4	90.6	91.5	92.4	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 600	88.8	89.6	91.0	92.0	93.3	93.5	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 500	89.0	90.1	91.7	92.9	94.7	95.0	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 400	89.0	90.1	91.8	93.2	95.1	95.6	96.9	97.5	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7
GE 300	89.1	90.2	92.0	93.4	95.4	96.0	97.6	98.1	98.1	98.3	98.3	98.3	98.3	98.5	98.6	98.6
GE 200	89.2	90.3	92.1	93.8	95.8	96.5	98.1	98.7	98.7	98.9	99.0	99.0	99.2	99.4	99.6	99.6
GE 100	89.2	90.3	92.1	93.8	95.8	96.5	98.1	98.7	98.7	99.1	99.2	99.2	99.4	99.7	99.9	99.9
GE 000	89.2	90.3	92.1	93.8	95.8	96.5	98.1	98.7	98.7	99.1	99.2	99.2	99.4	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 907



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.2	26.2	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.4	26.4	26.4	26.4
GE 20000	34.8	34.8	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0
GE 18000	35.1	35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4
GE 16000	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5
GE 14000	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.1	36.1	36.1	36.1
GE 12000	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.8
GE 10000	37.9	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1
GE 9000	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9	38.9	38.9	38.9
GE 8000	40.1	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.4	40.4	40.4	40.4
GE 7000	42.1	42.1	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.4	42.4	42.4	42.4
GE 6000	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8
GE 5000	49.4	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7
GE 4500	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.1
GE 4000	54.7	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0
GE 3500	58.3	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6
GE 3000	62.4	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.9	62.9	62.9	62.9
GE 2500	69.1	69.4	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8
GE 2000	76.8	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6
GE 1800	78.9	79.3	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7
GE 1500	81.7	82.2	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6
GE 1200	84.8	85.4	85.6	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4
GE 1000	86.9	87.5	87.7	87.9	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6
GE 900	87.5	88.1	88.6	88.9	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6
GE 800	88.4	89.0	89.5	89.8	90.4	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8
GE 700	88.5	89.4	89.8	90.2	90.8	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.4	91.4	91.4	91.4
GE 600	88.6	89.5	90.0	90.7	91.4	91.7	91.7	91.7	91.7	91.8	91.8	91.8	92.0	92.0	92.0	92.0
GE 500	88.9	89.9	90.5	91.2	92.6	93.2	94.3	94.3	94.3	94.5	94.5	94.5	94.7	94.7	94.7	94.7
GE 400	89.1	90.1	90.7	91.7	93.2	93.9	95.9	96.0	96.0	96.1	96.1	96.1	96.5	96.5	96.5	96.5
GE 300	89.4	90.4	91.0	92.1	94.0	95.0	97.0	97.3	97.3	97.6	97.6	97.6	98.1	98.2	98.2	98.2
GE 200	89.4	90.4	91.1	92.5	94.5	95.5	97.6	98.4	98.6	98.8	98.8	98.8	99.4	99.6	99.8	99.8
GE 100	89.4	90.4	91.1	92.5	94.5	95.5	97.6	98.4	98.6	98.8	98.8	98.8	99.4	99.7	99.9	99.9
GE 000	89.4	90.4	91.1	92.5	94.5	95.5	97.6	98.4	98.6	98.8	98.8	98.8	99.4	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 902

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
GE 20000	33.0	33.0	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 18000	34.2	34.2	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 16000	34.4	34.4	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 14000	35.3	35.3	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 12000	36.3	36.5	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 10000	37.7	37.7	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 9000	39.2	39.2	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 8000	40.3	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 7000	42.5	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 6000	44.9	44.9	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 5000	49.5	49.5	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 4500	52.1	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 4000	54.7	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 3500	56.8	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 3000	59.8	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 2500	65.5	65.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 2000	72.1	72.1	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 1800	75.1	75.1	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 1500	79.0	79.0	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 1200	82.5	82.7	83.4	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1000	84.1	84.4	85.4	85.8	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 900	84.7	84.9	86.2	86.7	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 800	85.7	86.0	87.6	88.2	88.7	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 700	85.9	86.2	87.9	88.4	89.1	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 600	87.3	87.9	89.8	90.8	91.6	91.8	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 500	88.0	88.5	90.6	91.9	93.1	93.8	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 400	88.2	88.8	90.9	92.3	94.0	94.6	96.0	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 300	88.2	88.8	91.1	92.6	94.3	95.3	96.8	97.3	97.3	97.7	97.7	97.7	97.8	97.8	97.9	97.9
GE 200	88.3	88.9	91.4	93.0	94.7	95.8	97.4	98.1	98.1	98.6	98.7	98.7	99.3	99.3	99.5	99.7
GE 100	88.3	88.9	91.4	93.0	94.7	95.8	97.4	98.1	98.1	98.6	98.7	98.7	99.3	99.3	99.6	99.8
GE 000	88.3	88.9	91.4	93.0	94.7	95.8	97.4	98.1	98.1	98.6	98.7	98.7	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 914

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.5
GE 20000	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 18000	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.2	33.2
GE 16000	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 14000	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 12000	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 10000	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 9000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1
GE 8000	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 7000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4
GE 6000	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 5000	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9
GE 4500	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5
GE 4000	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.1
GE 3500	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4
GE 3000	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1
GE 2500	65.6	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0
GE 2000	72.9	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5
GE 1800	75.3	75.5	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0
GE 1500	78.9	79.3	79.6	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0
GE 1200	81.7	82.2	82.8	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4
GE 1000	83.6	84.2	85.0	85.4	85.7	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0
GE 900	84.0	84.7	85.6	86.1	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8
GE 800	84.9	85.6	86.7	87.4	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2
GE 700	85.5	86.4	87.5	88.2	88.8	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3
GE 600	86.2	87.1	88.4	89.4	90.2	90.4	90.7	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0
GE 500	87.0	88.1	89.7	91.0	92.2	92.6	93.4	93.5	93.5	93.7	93.7	93.7	93.9	93.9	94.0	94.0
GE 400	87.3	88.3	90.2	91.7	93.2	93.7	94.8	95.1	95.1	95.5	95.5	95.5	95.7	95.8	95.9	95.9
GE 300	87.5	88.6	90.5	92.2	94.1	94.9	96.2	96.6	96.6	97.2	97.4	97.4	97.7	97.8	98.0	98.1
GE 200	87.5	88.6	90.7	92.5	94.5	95.4	96.8	97.3	97.4	98.1	98.4	98.4	99.0	99.1	99.4	99.5
GE 100	87.5	88.6	90.7	92.5	94.6	95.5	96.8	97.3	97.4	98.2	98.5	98.6	99.1	99.2	99.7	99.9
GE 000	87.5	88.6	90.7	92.5	94.6	95.5	96.8	97.3	97.4	98.2	98.5	98.6	99.1	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7248

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 20000	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 18000	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 16000	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 14000	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 12000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 10000	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 9000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 8000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 7000	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 6000	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9
GE 5000	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3
GE 4500	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6
GE 4000	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
GE 3500	61.6	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1
GE 3000	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7
GE 2500	70.4	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1
GE 2000	75.4	75.7	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5
GE 1800	76.9	77.3	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0
GE 1500	80.7	81.0	81.4	81.6	81.6	81.6	81.8	81.8	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1
GE 1200	83.0	83.3	84.0	84.5	84.6	84.6	84.7	84.7	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1
GE 1000	83.7	84.2	84.9	85.7	85.8	85.8	85.9	85.9	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3
GE 900	84.3	84.7	85.6	87.0	87.1	87.1	87.3	87.3	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6
GE 800	84.6	85.3	86.6	88.1	88.4	88.4	88.5	88.5	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8
GE 700	85.6	86.3	87.8	89.5	90.0	90.0	90.1	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 600	86.0	86.8	88.7	90.5	91.1	91.1	91.2	91.2	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5
GE 500	86.6	87.4	89.5	91.5	92.3	92.3	92.4	92.5	92.5	92.9	93.0	93.0	93.0	93.1	93.1	93.1
GE 400	87.5	88.4	90.5	93.1	94.1	94.2	94.3	94.6	94.6	94.9	95.1	95.1	95.1	95.2	95.3	95.3
GE 300	87.7	88.6	90.9	94.1	95.6	95.8	95.9	96.3	96.3	96.7	96.9	97.0	97.4	97.5	97.9	97.9
GE 200	87.7	88.6	91.2	94.4	96.3	96.5	96.7	97.3	97.3	97.9	98.1	98.2	98.7	98.9	99.5	99.5
GE 100	87.7	88.6	91.2	94.4	96.4	96.6	96.8	97.4	97.4	98.2	98.5	98.7	99.1	99.3	99.9	99.9
GE 000	87.7	88.6	91.2	94.4	96.4	96.6	96.8	97.4	97.4	98.2	98.5	98.7	99.1	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 910

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.2	32.5	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.9	32.9	33.0	33.1
GE 20000	36.1	36.3	36.3	36.4	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.8	36.8	37.0	37.1
GE 18000	36.2	36.4	36.4	36.5	36.6	36.6	36.6	36.6	36.6	36.7	36.7	36.7	37.0	37.0	37.1	37.2
GE 16000	36.2	36.4	36.4	36.5	36.6	36.6	36.6	36.6	36.6	36.7	36.7	36.7	37.0	37.0	37.1	37.2
GE 14000	37.0	37.2	37.2	37.3	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.5	37.7	37.7	37.8	37.9
GE 12000	37.3	37.5	37.5	37.6	37.7	37.7	37.7	37.7	37.7	37.8	37.8	37.8	38.0	38.0	38.2	38.3
GE 10000	39.1	39.4	39.4	39.5	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.9	39.9	40.0	40.1
GE 9000	40.6	40.9	40.9	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.4	41.4	41.6	41.7
GE 8000	43.2	43.5	43.5	43.6	43.8	43.8	43.8	43.8	43.8	43.9	43.9	43.9	44.1	44.1	44.2	44.3
GE 7000	45.3	45.6	45.6	45.7	45.8	45.8	45.8	45.8	45.8	45.9	45.9	45.9	46.2	46.2	46.3	46.4
GE 6000	48.2	48.6	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9	49.1	49.1	49.2	49.3
GE 5000	50.9	51.2	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.8	51.8	51.9	52.0
GE 4500	53.0	53.4	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.9	53.9	54.1	54.2
GE 4000	56.5	56.9	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.5	57.5	57.6	57.7
GE 3500	59.8	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.7	60.7	60.9	61.0
GE 3000	61.6	62.1	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.8	62.8	62.9	63.0
GE 2500	69.0	69.6	69.7	70.0	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.5	70.5	70.6	70.7
GE 2000	73.6	74.3	74.6	74.9	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.4	75.4	75.5	75.7
GE 1800	75.3	76.1	76.4	76.8	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.3	77.3	77.4	77.5
GE 1500	77.7	78.8	79.3	79.9	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.6	80.6	80.7	80.8
GE 1200	79.5	80.6	81.5	82.2	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.9	82.9	83.0	83.1
GE 1000	80.0	81.4	82.5	83.3	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.1	84.1	84.2	84.3
GE 900	80.8	82.1	83.3	84.3	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	85.1	85.1	85.2	85.3
GE 800	81.5	82.8	84.9	86.0	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.8	86.8	87.0	87.1
GE 700	81.7	83.1	85.2	86.3	86.8	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.2	87.2	87.3	87.4
GE 600	83.1	84.5	86.6	87.9	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.8	88.8	88.9	89.0
GE 500	84.6	86.2	88.8	90.7	91.6	91.8	91.8	91.8	91.8	92.2	92.2	92.2	92.4	92.4	92.5	92.7
GE 400	85.1	86.6	89.6	91.9	93.3	93.5	93.5	93.5	93.5	94.2	94.3	94.3	94.6	94.6	94.7	94.8
GE 300	85.1	86.6	89.8	92.3	94.3	94.5	94.7	94.7	94.7	95.5	95.8	95.8	96.5	96.5	96.7	96.8
GE 200	85.3	86.8	90.2	92.9	95.3	95.9	96.2	96.4	96.4	97.4	98.0	98.0	98.8	98.8	99.1	99.2
GE 100	85.3	86.8	90.2	92.9	95.4	96.1	96.3	96.5	96.5	97.5	98.1	98.1	99.0	99.1	99.6	99.9
GE 000	85.3	86.8	90.2	92.9	95.4	96.1	96.3	96.5	96.5	97.5	98.1	98.1	99.0	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.3	27.4	27.4	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.7
GE 20000	32.3	32.5	32.5	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.8
GE 18000	32.5	32.6	32.6	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.9
GE 16000	32.6	32.7	32.7	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.0
GE 14000	33.3	33.4	33.4	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.8
GE 12000	34.3	34.4	34.4	34.5	34.5	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.8
GE 10000	35.0	35.1	35.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.5
GE 9000	36.3	36.4	36.4	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.8	36.8	36.9
GE 8000	40.0	40.1	40.2	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.5	40.5	40.6
GE 7000	43.0	43.2	43.3	43.4	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.7	43.7	43.8
GE 6000	46.4	46.5	46.6	46.7	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.1
GE 5000	50.3	50.4	50.6	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.1
GE 4500	53.5	53.6	53.8	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.3
GE 4000	56.6	56.7	56.8	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.4
GE 3500	60.8	60.9	61.0	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.6
GE 3000	63.6	63.7	63.8	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.3
GE 2500	70.3	70.5	70.6	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.2
GE 2000	75.7	75.9	76.2	76.5	76.6	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.9	76.9	77.0
GE 1800	77.6	77.8	78.0	78.4	78.5	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.8	78.8	78.9
GE 1500	80.6	80.9	81.2	81.7	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.2
GE 1200	82.0	82.9	83.2	83.8	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.3	84.3	84.4
GE 1000	82.9	84.1	84.5	85.2	85.4	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.8	85.8	85.9
GE 900	82.9	84.1	84.7	85.5	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.2
GE 800	83.4	84.8	85.4	86.5	86.9	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.4
GE 700	84.1	85.7	86.4	87.6	88.0	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.5
GE 600	85.0	86.5	87.3	88.6	89.2	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	90.0	90.0	90.3
GE 500	85.9	87.5	88.4	90.3	90.8	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.7	91.7	92.1
GE 400	86.1	87.7	88.7	90.6	91.3	91.6	92.2	92.6	92.6	92.9	92.9	92.9	92.9	93.2	93.3	93.6
GE 300	86.4	88.2	89.2	91.7	92.6	93.2	93.8	94.4	94.4	94.7	94.8	94.8	94.8	95.1	95.3	95.7
GE 200	86.4	88.3	89.3	91.8	92.9	93.7	94.7	95.5	95.5	96.5	96.8	96.8	97.0	97.5	97.7	98.2
GE 100	86.4	88.3	89.3	91.8	93.0	94.0	95.1	95.9	95.9	97.0	97.5	97.5	97.8	98.2	98.8	99.3
GE 000	86.4	88.3	89.3	91.8	93.0	94.0	95.1	95.9	95.9	97.0	97.5	97.5	97.8	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 906

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8
GE 20000	37.9	37.9	37.9	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1
GE 18000	38.1	38.1	38.1	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3
GE 16000	38.2	38.2	38.2	38.2	38.2	38.2	38.3	38.3	38.3	38.3	38.5	38.5	38.5	38.5	38.5	38.5
GE 14000	39.2	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4
GE 12000	40.0	40.0	40.0	40.0	40.0	40.0	40.1	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2
GE 10000	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1
GE 9000	41.9	41.9	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1
GE 8000	43.9	43.9	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2
GE 7000	47.1	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4
GE 6000	49.6	49.6	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9
GE 5000	52.7	52.7	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1
GE 4500	55.8	55.8	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
GE 4000	58.0	58.0	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5
GE 3500	61.2	61.2	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7
GE 3000	64.8	64.8	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2
GE 2500	69.9	69.9	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5
GE 2000	77.2	77.2	77.6	77.6	77.6	77.6	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0
GE 1800	78.3	78.5	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
GE 1500	80.1	80.4	81.1	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7
GE 1200	81.2	82.1	83.0	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8
GE 1000	82.5	83.6	84.8	85.2	85.4	85.4	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
GE 900	82.9	84.1	85.3	85.9	86.1	86.2	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5
GE 800	84.0	85.3	86.6	87.2	87.5	87.7	87.8	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 700	84.4	85.9	87.2	87.8	88.5	88.8	89.2	89.4	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6
GE 600	84.8	86.3	87.7	88.5	89.3	90.1	90.4	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	91.0
GE 500	85.2	86.9	88.5	89.6	90.5	91.4	91.8	92.2	92.2	92.3	92.4	92.4	92.5	92.5	92.5	92.7
GE 400	85.6	87.3	89.1	90.4	91.5	92.5	93.1	93.8	93.8	94.1	94.3	94.3	94.5	94.6	94.6	94.9
GE 300	85.9	87.6	89.4	90.8	92.0	93.0	93.8	94.8	94.8	95.4	95.6	95.6	95.8	95.9	95.9	96.2
GE 200	86.0	87.7	89.6	91.0	92.3	93.4	94.8	96.0	96.4	97.1	97.5	97.5	98.0	98.2	98.5	98.8
GE 100	86.0	87.7	89.6	91.0	92.3	93.4	94.8	96.0	96.4	97.2	97.7	97.7	98.3	98.9	99.3	99.9
GE 000	86.0	87.7	89.6	91.0	92.3	93.4	94.8	96.0	96.4	97.2	97.7	97.7	98.3	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 905

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 20000	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 18000	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 16000	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 14000	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 12000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 10000	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 9000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 8000	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 7000	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 6000	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 5000	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 4500	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 4000	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 3500	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 3000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 2500	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 2000	80.7	80.7	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1800	82.7	82.8	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1500	85.3	85.5	85.9	85.9	86.2	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1200	86.7	87.3	87.9	87.9	88.2	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1000	87.5	88.1	88.9	89.1	89.4	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 900	87.5	88.1	88.9	89.2	89.7	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 800	88.3	89.0	90.0	90.4	90.9	91.1	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 700	88.5	89.3	90.6	91.3	92.1	92.5	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 600	88.8	89.7	91.0	91.9	92.9	93.3	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	89.1	90.1	91.8	92.9	94.2	94.6	94.9	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 400	89.4	90.6	92.4	93.8	95.2	96.0	96.4	96.7	96.7	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 300	89.4	90.8	92.7	94.4	95.8	96.6	97.1	97.4	97.5	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 200	89.4	90.8	92.8	94.5	96.0	96.7	97.5	98.1	98.2	99.1	99.2	99.2	99.4	99.4	99.4	99.4
GE 100	89.4	90.8	92.8	94.5	96.0	96.7	97.5	98.1	98.2	99.1	99.3	99.3	99.8	100.0	100.0	100.0
GE 000	89.4	90.8	92.8	94.5	96.0	96.7	97.5	98.1	98.2	99.1	99.3	99.3	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 889



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 20000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 18000	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 16000	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 14000	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 12000	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 10000	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 9000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 8000	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 7000	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 6000	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 5000	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 4500	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 4000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 3500	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 3000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 2500	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 2000	81.6	81.8	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1800	84.1	84.3	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1500	86.7	87.1	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1200	88.0	88.7	89.1	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000	89.3	89.9	90.4	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 900	89.5	90.1	90.6	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 800	89.7	90.6	91.1	91.6	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 700	89.9	91.1	91.8	92.3	93.8	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 600	90.4	91.7	92.3	92.9	94.4	94.7	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 500	90.5	92.0	92.9	93.6	95.2	95.5	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	90.6	92.1	93.0	93.8	95.6	95.9	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 300	90.6	92.3	93.6	94.6	96.5	96.8	98.0	98.5	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9
GE 200	90.6	92.3	93.6	94.7	96.6	96.9	98.2	98.7	99.0	99.1	99.2	99.3	99.5	99.6	99.9	99.9
GE 100	90.6	92.3	93.6	94.7	96.6	96.9	98.2	98.7	99.0	99.1	99.2	99.3	99.5	99.6	99.9	99.9
GE 000	90.6	92.3	93.6	94.7	96.6	96.9	98.2	98.7	99.0	99.1	99.2	99.3	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.8	29.8	29.8
GE 20000	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.1	38.1	38.1
GE 18000	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.6
GE 16000	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7
GE 14000	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.3
GE 12000	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.7	40.7
GE 10000	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.3	42.3	42.3
GE 9000	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.9	43.9	43.9
GE 8000	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8
GE 7000	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7
GE 6000	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2
GE 5000	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2
GE 4500	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4
GE 4000	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1
GE 3500	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0
GE 3000	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4
GE 2500	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6
GE 2000	81.1	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6
GE 1800	82.3	82.6	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2
GE 1500	84.8	85.3	85.6	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2
GE 1200	86.4	87.2	87.6	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4
GE 1000	87.3	88.2	88.7	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8
GE 900	87.7	88.6	89.2	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3
GE 800	88.1	88.9	89.5	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6
GE 700	88.5	89.5	90.0	90.6	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7
GE 600	89.3	90.3	90.9	91.6	92.5	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6
GE 500	89.5	90.6	91.8	92.8	93.9	95.1	95.2	95.4	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7
GE 400	89.5	90.6	91.8	93.0	94.1	95.4	95.6	95.8	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2
GE 300	89.6	90.8	92.3	93.6	94.9	96.1	96.8	97.0	97.3	97.5	97.6	97.6	98.1	98.2	98.2	98.2
GE 200	89.6	90.8	92.3	93.7	95.2	96.5	97.1	97.7	98.1	98.2	98.6	98.6	99.1	99.2	99.6	99.7
GE 100	89.6	90.8	92.3	93.7	95.2	96.5	97.2	97.8	98.2	98.3	98.7	98.7	99.2	99.3	99.8	99.9
GE 000	89.6	90.8	92.3	93.7	95.2	96.5	97.2	97.8	98.2	98.3	98.7	98.7	99.2	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 904

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.6	35.6	35.6
GE 20000	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.7
GE 18000	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.4	39.4
GE 16000	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.4	39.4
GE 14000	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.6	39.6	39.6	39.6
GE 12000	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0
GE 10000	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.1	42.1	42.1	42.1
GE 9000	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4
GE 8000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.3	46.3
GE 7000	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4
GE 6000	52.0	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4
GE 5000	54.8	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1
GE 4500	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
GE 4000	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0
GE 3500	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5
GE 3000	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7
GE 2500	71.2	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7
GE 2000	77.5	77.7	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
GE 1800	79.3	79.5	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0
GE 1500	82.7	83.1	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
GE 1200	85.6	86.1	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
GE 1000	85.8	86.4	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.7	87.7	87.7	87.7
GE 900	86.0	86.8	87.7	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8
GE 800	86.8	87.7	88.6	89.3	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0
GE 700	87.1	88.0	89.2	89.9	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8
GE 600	88.0	88.9	90.2	91.5	92.1	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8
GE 500	88.2	89.4	91.1	92.4	92.9	93.5	93.8	94.0	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.3
GE 400	88.3	89.5	91.4	92.7	93.5	94.3	94.6	94.9	94.9	95.0	95.1	95.1	95.3	95.3	95.4	95.4
GE 300	88.4	89.6	92.1	93.7	94.8	95.6	96.0	96.6	96.6	96.8	96.9	96.9	97.4	97.4	97.5	97.5
GE 200	88.4	89.6	92.1	93.7	95.1	95.9	96.6	97.2	97.2	97.6	98.5	98.5	99.0	99.0	99.2	99.3
GE 100	88.4	89.6	92.1	93.7	95.1	95.9	96.6	97.2	97.2	97.7	98.6	98.6	99.1	99.1	99.7	99.9
GE 000	88.4	89.6	92.1	93.7	95.1	95.9	96.6	97.2	97.2	97.7	98.6	98.6	99.1	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 907

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.3	31.3	31.3	31.3
GE 20000	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.7
GE 18000	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.1
GE 16000	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.2
GE 14000	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7
GE 12000	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.7
GE 10000	39.8	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1	40.1	40.1
GE 9000	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.5
GE 8000	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.1	44.1
GE 7000	46.7	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.0
GE 6000	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	50.0	50.0
GE 5000	52.7	52.8	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
GE 4500	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7
GE 4000	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.4	58.4	58.4
GE 3500	61.5	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	62.0
GE 3000	65.2	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.7
GE 2500	71.7	71.9	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3
GE 2000	77.8	78.1	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.8	78.8	78.8
GE 1800	79.6	79.8	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6
GE 1500	82.3	82.8	83.2	83.5	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.9	83.9	83.9
GE 1200	84.0	84.8	85.4	85.7	86.0	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.3	86.3
GE 1000	84.9	85.7	86.5	87.0	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.6	87.6	87.6
GE 900	85.2	86.1	86.9	87.6	87.9	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.3	88.3
GE 800	85.8	86.8	87.8	88.6	89.1	89.2	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.5
GE 700	86.2	87.3	88.5	89.4	90.1	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.7
GE 600	86.9	88.1	89.3	90.4	91.2	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.2
GE 500	87.4	88.8	90.3	91.7	92.7	93.2	93.4	93.6	93.6	93.8	93.9	93.9	93.9	94.0	94.0	94.1
GE 400	87.8	89.1	90.8	92.4	93.6	94.2	94.5	94.9	94.9	95.2	95.3	95.3	95.4	95.4	95.5	95.6
GE 300	87.9	89.3	91.2	93.2	94.6	95.2	95.8	96.2	96.3	96.7	96.8	96.8	97.1	97.2	97.3	97.4
GE 200	87.9	89.4	91.4	93.3	95.0	95.7	96.5	97.1	97.3	97.9	98.2	98.3	98.7	98.8	99.1	99.3
GE 100	87.9	89.4	91.4	93.3	95.0	95.8	96.6	97.2	97.3	98.0	98.4	98.5	99.0	99.2	99.6	99.8
GE 000	87.9	89.4	91.4	93.3	95.0	95.8	96.6	97.2	97.3	98.0	98.4	98.5	99.0	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7245

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CHIL	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 20000	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 18000	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 16000	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 14000	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 12000	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 10000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9
GE 9000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8
GE 8000	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3
GE 7000	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5
GE 6000	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3
GE 5000	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2
GE 4500	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6
GE 4000	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4
GE 3500	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2
GE 3000	65.6	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
GE 2500	72.2	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0
GE 2000	78.8	79.3	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
GE 1800	79.8	80.5	81.3	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
GE 1500	81.7	82.6	83.5	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
GE 1200	84.3	85.2	86.7	87.9	88.2	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 1000	85.5	86.4	88.2	89.7	90.0	90.0	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	85.6	86.6	88.5	90.3	90.8	90.8	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 800	86.2	87.1	89.6	91.8	92.7	92.7	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	86.6	87.6	90.3	92.5	93.5	93.8	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 600	86.9	87.9	91.1	94.0	95.2	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	86.9	87.9	91.6	94.6	96.5	96.9	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	87.2	88.3	92.0	95.3	97.3	97.7	97.9	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	87.2	88.3	92.3	95.9	97.9	98.4	98.6	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	87.2	88.3	92.3	95.9	98.1	98.5	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 100	87.2	88.3	92.3	95.9	98.1	98.5	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.7	99.7	100.0
GE 000	87.2	88.3	92.3	95.9	98.1	98.5	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 878

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.1	35.5	35.7	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 20000	37.7	38.2	38.4	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 18000	38.0	38.6	38.8	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 16000	38.1	38.7	38.9	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 14000	39.1	39.7	39.9	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 12000	40.4	40.9	41.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 10000	42.1	42.7	43.0	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 9000	43.1	43.7	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 8000	44.6	45.3	45.5	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 7000	46.0	46.7	46.9	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 6000	48.3	49.0	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 5000	51.7	52.6	53.0	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 4500	53.8	54.7	55.0	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 4000	56.8	57.7	58.1	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 3500	59.3	60.2	60.7	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 3000	63.2	64.1	64.6	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 2500	68.5	69.9	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 2000	75.1	76.8	77.6	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 1800	77.2	79.0	79.9	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 1500	78.7	80.5	82.5	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1200	82.5	84.6	87.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1000	83.2	85.2	87.9	89.2	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 900	84.6	86.6	89.4	91.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 800	85.0	87.0	90.5	92.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	85.1	87.4	91.3	93.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 600	85.3	87.7	91.8	94.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	85.7	88.0	92.7	95.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	86.4	88.7	93.3	96.3	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	86.4	88.7	93.3	96.4	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	86.5	88.8	93.5	96.5	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.7	99.7
GE 100	86.5	88.8	93.5	96.5	99.0	99.0	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.8	100.0	100.0
GE 000	86.5	88.8	93.5	96.5	99.0	99.0	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 887

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.1	31.2	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
GE 20000	34.7	34.8	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 18000	35.0	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 16000	35.0	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 14000	35.9	36.0	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 12000	36.9	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.2
GE 10000	38.9	39.0	39.0	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.3
GE 9000	40.7	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.1	41.1	41.1	41.1
GE 8000	42.8	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1
GE 7000	44.6	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9
GE 6000	47.6	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0
GE 5000	50.5	50.7	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1
GE 4500	53.1	53.3	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.8	53.8
GE 4000	55.8	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.5	56.5
GE 3500	59.9	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.7	60.7
GE 3000	64.6	64.9	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.5	65.5
GE 2500	69.7	70.0	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.8	70.8
GE 2000	76.6	77.4	77.8	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.4	78.4
GE 1800	78.5	79.8	80.4	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.3	81.3
GE 1500	81.0	82.7	83.8	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	85.0	85.0
GE 1200	83.4	85.8	87.5	88.4	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.4	89.4
GE 1000	84.6	87.1	89.1	90.0	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.3	91.3
GE 900	84.9	87.5	89.7	90.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.4	92.4
GE 800	85.1	87.9	90.1	91.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.2	93.2
GE 700	85.2	88.0	90.2	92.1	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.8	93.8	93.9	93.9
GE 600	85.9	88.6	91.0	93.3	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.5	95.5
GE 500	86.4	89.2	91.7	94.3	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.2	97.2
GE 400	86.6	89.4	91.9	94.7	96.8	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.2	98.2
GE 300	86.6	89.4	91.9	95.1	97.3	98.1	98.4	98.6	98.6	98.6	98.9	98.9	99.0	99.0	99.1	99.1
GE 200	86.7	89.6	92.1	95.2	97.4	98.2	98.5	98.8	98.8	99.1	99.3	99.3	99.4	99.4	99.5	99.5
GE 100	86.7	89.6	92.2	95.3	97.5	98.3	98.6	98.9	98.9	99.3	99.5	99.5	99.8	99.8	99.9	99.9
GE 000	86.7	89.6	92.2	95.3	97.5	98.3	98.6	98.9	98.9	99.3	99.5	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 881

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
GE 20000	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 18000	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 16000	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 14000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 12000	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 10000	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 9000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 8000	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 7000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 6000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 5000	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 4500	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 4000	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 3500	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 3000	63.5	63.5	63.5	63.5	63.6	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 2500	72.1	72.2	72.3	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 2000	78.3	78.8	79.0	79.0	79.1	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1800	80.3	81.0	81.2	81.2	81.5	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1500	83.4	84.3	84.5	84.5	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1200	85.2	86.5	87.1	87.5	87.9	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1000	86.7	88.4	89.5	90.1	90.6	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 900	86.8	88.7	89.9	90.5	91.3	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 800	87.1	89.2	90.4	91.4	92.5	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 700	87.7	89.7	91.0	92.2	93.6	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 600	88.1	90.3	91.6	93.0	94.4	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 500	88.1	90.3	91.6	93.2	94.8	95.1	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 400	88.3	90.4	91.7	93.5	95.2	95.8	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	88.4	90.6	92.1	94.2	96.1	96.9	98.4	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0
GE 200	88.4	90.6	92.4	94.4	96.7	97.6	99.1	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7
GE 100	88.4	90.6	92.4	94.4	96.7	97.6	99.1	99.4	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8
GE 000	88.4	90.6	92.4	94.4	96.7	97.6	99.1	99.4	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 877



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 20000	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 18000	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 16000	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 14000	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 12000	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 10000	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 9000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 8000	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 7000	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 6000	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 5000	49.9	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 4500	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 4000	55.1	55.2	55.2	55.2	55.2	55.2	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 3500	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 3000	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 2500	74.5	74.7	74.7	74.9	74.9	74.9	75.0	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 2000	81.2	81.8	81.9	82.5	82.5	82.5	82.6	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1800	83.1	83.7	83.8	84.3	84.3	84.3	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1500	85.0	85.8	86.0	86.7	86.7	86.7	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1200	88.0	89.0	89.1	90.0	90.0	90.0	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	88.4	89.5	89.9	91.0	91.3	91.6	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 900	88.4	89.5	89.9	91.1	91.5	91.8	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	88.7	90.1	90.6	92.2	92.6	93.0	93.6	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	88.8	90.2	90.7	92.3	92.9	93.3	94.0	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	89.5	90.9	91.4	93.1	93.8	94.4	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 500	89.8	91.1	91.6	93.3	94.1	94.7	95.6	96.0	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 400	89.9	91.4	91.8	93.8	94.8	95.4	96.7	97.2	97.4	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 300	89.9	91.4	91.8	94.0	95.1	95.9	97.4	97.9	98.0	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 200	89.9	91.4	91.8	94.0	95.1	95.9	97.4	98.0	98.2	99.0	99.0	99.0	99.2	99.2	99.3	99.4
GE 100	89.9	91.4	91.8	94.0	95.1	95.9	97.4	98.0	98.2	99.0	99.2	99.3	99.7	99.7	99.8	99.9
GE 000	89.9	91.4	91.8	94.0	95.1	95.9	97.4	98.0	98.2	99.0	99.2	99.3	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 869

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 20000	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 18000	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 16000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 14000	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 12000	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 10000	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 9000	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 8000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 7000	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 6000	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 5000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 4500	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 4000	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 3500	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 3000	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 2500	73.3	73.6	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 2000	81.5	81.7	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1800	83.6	84.0	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1500	85.5	86.2	86.8	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1200	87.7	88.6	89.4	90.3	90.4	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1000	88.4	89.5	90.6	91.6	91.8	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 900	88.5	89.7	90.8	92.0	92.1	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 800	88.5	89.8	91.0	92.1	92.2	93.0	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 700	88.8	90.2	91.4	93.0	93.3	94.5	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 600	88.9	90.4	91.6	93.4	94.0	95.3	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	89.0	90.5	91.8	93.6	94.1	95.9	96.8	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	89.3	90.7	92.1	93.9	94.5	96.3	97.2	97.4	97.4	98.0	98.0	98.0	98.3	98.3	98.3	98.3
GE 300	89.3	90.7	92.1	93.9	94.5	96.3	97.2	97.4	97.4	98.2	98.2	98.2	98.5	98.5	98.5	98.5
GE 200	89.4	91.0	92.3	94.1	94.7	96.6	97.5	97.9	97.9	98.6	98.6	98.6	99.0	99.0	99.0	99.0
GE 100	89.4	91.0	92.3	94.1	94.7	96.6	97.5	98.0	98.0	99.1	99.1	99.1	99.4	99.9	100.0	100.0
GE 000	89.4	91.0	92.3	94.1	94.7	96.6	97.5	98.0	98.0	99.1	99.1	99.1	99.4	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 885

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 20000	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5
GE 18000	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.6	33.6	33.6	33.6	33.6	33.6
GE 16000	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8
GE 14000	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4
GE 12000	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0
GE 10000	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5
GE 9000	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4
GE 8000	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.9	39.9	39.9	39.9	39.9	39.9
GE 7000	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6
GE 6000	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2
GE 5000	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6
GE 4500	50.3	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6
GE 4000	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1
GE 3500	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6
GE 3000	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
GE 2500	72.3	72.6	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0
GE 2000	79.3	79.6	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3
GE 1800	82.0	82.6	83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6
GE 1500	84.9	85.4	86.2	86.4	86.8	86.8	86.8	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 1200	85.5	86.2	87.4	88.0	88.5	88.6	88.6	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	86.3	87.2	88.5	89.3	89.9	90.4	90.5	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 900	86.6	87.6	89.1	90.1	90.7	91.2	91.3	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 800	87.4	88.5	90.2	91.8	92.5	93.1	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 700	87.7	88.8	90.9	92.8	93.7	94.3	94.5	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	87.9	89.3	91.3	93.3	94.6	95.2	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	88.0	89.4	91.5	93.8	95.4	96.2	96.8	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 400	88.2	89.6	91.8	94.3	95.9	97.3	97.8	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	88.2	89.6	91.8	94.3	96.0	97.4	98.1	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	88.2	89.6	91.8	94.4	96.1	97.5	98.2	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	88.2	89.6	91.8	94.4	96.1	97.5	98.2	98.7	98.9	99.2	99.5	99.5	99.9	99.9	99.9	100.0
GE 000	88.2	89.6	91.8	94.4	96.1	97.5	98.2	98.7	98.9	99.2	99.5	99.5	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 878

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 20000	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 18000	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 16000	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 14000	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 12000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 10000	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 9000	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 8000	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 7000	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 6000	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 5000	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 4500	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 4000	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 3500	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 3000	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 2500	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 2000	78.0	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 1800	79.6	80.0	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1500	82.0	82.5	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1200	84.2	85.2	86.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1000	85.8	86.9	88.4	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 900	86.0	87.0	88.6	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 800	86.8	87.9	89.8	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 700	87.0	88.2	90.5	92.5	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 600	87.7	88.9	91.4	93.8	94.9	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 500	88.2	89.5	92.4	95.1	96.2	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 400	88.5	89.7	92.6	95.4	97.0	97.4	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 300	88.6	89.8	92.7	95.8	97.4	97.7	98.2	98.3	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7
GE 200	88.6	89.8	92.7	95.8	97.4	97.7	98.3	98.4	98.5	98.7	98.7	98.7	99.0	99.0	99.0	99.0
GE 100	88.6	89.8	92.7	95.8	97.4	97.7	98.3	98.4	98.5	98.7	98.9	98.9	99.3	99.5	99.5	99.5
GE 000	88.6	89.8	92.7	95.8	97.4	97.7	98.3	98.4	98.5	98.7	98.9	98.9	99.3	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 876

D - 2 - 80

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 20000	35.9	36.0	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 18000	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 16000	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 14000	37.2	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 12000	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6
GE 10000	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 9000	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4
GE 8000	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4
GE 7000	45.0	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 6000	47.6	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0
GE 5000	50.3	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7
GE 4500	53.0	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4
GE 4000	56.2	56.3	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 3500	59.7	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 3000	64.4	64.6	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0
GE 2500	71.8	72.2	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7
GE 2000	78.6	79.2	79.6	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1800	80.5	81.3	81.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
GE 1500	82.8	83.8	84.6	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5
GE 1200	85.1	86.4	87.6	88.4	88.7	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	86.1	87.5	89.0	90.0	90.4	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
GE 900	86.4	87.9	89.5	90.7	91.3	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 800	86.8	88.4	90.3	91.9	92.6	92.9	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 700	87.1	88.8	90.8	92.6	93.5	93.9	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	87.5	89.3	91.4	93.6	94.7	95.2	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 500	87.8	89.5	91.8	94.2	95.6	96.2	96.7	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 400	88.0	89.8	92.2	94.7	96.3	97.0	97.6	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.3	98.3
GE 300	88.1	89.8	92.3	95.0	96.6	97.4	98.1	98.4	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9
GE 200	88.1	89.9	92.3	95.1	96.8	97.6	98.4	98.7	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.3
GE 100	88.1	89.9	92.4	95.1	96.8	97.6	98.4	98.7	98.8	99.2	99.3	99.4	99.6	99.7	99.8	99.9
GE 000	88.1	89.9	92.4	95.1	96.8	97.6	98.4	98.7	98.8	99.2	99.3	99.4	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7031

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 20000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 18000	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 16000	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 14000	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 12000	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 10000	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 9000	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 8000	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 7000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 6000	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 5000	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 4500	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 4000	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 3500	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 3000	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 2500	76.7	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 2000	82.9	83.5	84.1	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1800	83.9	84.5	85.7	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1500	86.0	86.8	88.2	89.0	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1200	88.2	89.0	91.0	92.1	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1000	89.2	90.0	92.3	93.6	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	89.2	90.0	92.6	94.3	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 800	89.6	90.4	93.1	94.8	96.0	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 700	89.9	90.6	93.6	95.5	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	90.1	90.8	93.9	95.8	97.2	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	90.7	91.5	94.6	96.6	98.0	98.1	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8
GE 400	91.0	91.7	94.9	97.0	98.7	98.8	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4
GE 300	91.0	91.7	95.0	97.1	98.8	98.9	99.3	99.3	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7
GE 200	91.0	91.7	95.0	97.1	98.8	98.9	99.3	99.3	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.8
GE 100	91.0	91.7	95.0	97.1	98.8	98.9	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0
GE 000	91.0	91.7	95.0	97.1	98.8	98.9	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 907

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK

PERIOD OF RECORD: JAN 80 - DEC 89

LST TO UTC: + 9

MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.6	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 20000	48.3	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 18000	48.5	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 16000	48.6	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 14000	49.2	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 12000	50.0	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 10000	50.8	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 9000	51.6	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 8000	52.0	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 7000	54.1	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 6000	56.1	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 5000	58.7	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 4500	60.7	61.2	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 4000	63.2	63.8	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 3500	66.2	66.7	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 3000	69.9	70.5	70.9	70.9	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 2500	75.4	76.1	76.5	76.5	76.6	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 2000	80.9	82.0	82.8	82.9	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1800	82.4	83.6	84.6	84.7	84.9	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1500	84.6	86.1	88.1	88.3	88.5	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1200	87.2	88.9	91.2	92.0	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1000	88.1	90.1	93.1	94.0	94.4	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	88.3	90.6	94.2	95.1	95.9	96.0	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	88.5	90.8	94.5	95.5	96.4	96.5	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	88.5	90.8	94.8	96.2	97.2	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	88.9	91.2	95.1	96.5	97.5	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	89.5	91.8	96.0	97.5	98.5	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	89.6	91.9	96.5	98.0	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	89.6	91.9	96.5	98.0	99.1	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	89.6	91.9	96.5	98.0	99.1	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	89.6	91.9	96.5	98.0	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	89.6	91.9	96.5	98.0	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 916

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.6	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 20000	46.0	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 18000	46.2	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 16000	46.3	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 14000	46.8	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 12000	48.1	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 10000	49.0	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 9000	49.6	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 8000	51.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 7000	53.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 6000	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 5000	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 4500	60.1	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 4000	62.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 3500	65.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 3000	69.7	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 2500	74.8	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 2000	83.0	83.8	84.3	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1800	84.8	85.7	86.3	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1500	86.5	87.5	88.5	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1200	88.3	89.3	90.9	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000	88.9	90.1	92.0	93.8	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 900	89.4	90.6	92.7	94.5	95.5	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	89.6	90.8	93.0	94.9	95.8	95.8	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	89.7	91.0	93.4	95.4	96.6	96.6	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	90.3	91.6	94.0	96.6	97.9	97.9	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	90.4	91.7	94.5	97.3	98.6	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	90.4	91.7	94.5	97.3	98.6	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 300	90.4	91.7	94.5	97.6	99.0	99.3	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	90.4	91.7	94.5	97.6	99.0	99.3	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	90.4	91.7	94.5	97.6	99.0	99.3	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	90.4	91.7	94.5	97.6	99.0	99.3	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 913



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 20000	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 18000	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 16000	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 14000	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 12000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 10000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 9000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 8000	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 7000	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 6000	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 5000	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 4500	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 4000	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 3500	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 3000	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 2500	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 2000	82.4	82.6	82.8	83.0	83.2	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1800	83.9	84.4	84.7	85.0	85.3	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1500	86.2	87.1	87.6	88.1	88.6	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1200	89.6	90.7	91.6	92.8	93.7	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	90.9	92.1	93.0	94.5	95.7	95.9	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 900	91.1	92.3	93.2	94.7	95.9	96.1	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	91.3	92.7	93.8	95.2	96.4	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	91.6	93.0	94.1	95.7	96.9	97.1	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	91.6	93.0	94.1	95.8	97.1	97.4	98.3	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	91.6	93.0	94.3	96.0	97.3	97.7	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	91.6	93.0	94.3	96.0	97.3	97.8	99.1	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	91.6	93.0	94.3	96.0	97.3	97.8	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	91.6	93.0	94.3	96.0	97.3	97.8	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	91.6	93.0	94.3	96.0	97.3	97.8	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	91.6	93.0	94.3	96.0	97.3	97.8	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 901

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 20000	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 18000	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 16000	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 14000	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 12000	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 10000	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 9000	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 8000	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 7000	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 6000	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 5000	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 4500	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 4000	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 3500	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 3000	69.7	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 2500	77.2	77.3	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 2000	82.4	82.7	83.2	83.4	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1800	84.5	84.9	85.6	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1500	87.0	87.5	88.9	89.3	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1200	89.5	90.3	92.1	93.1	93.6	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	90.5	91.4	93.5	94.6	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	90.6	91.5	93.7	94.9	95.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 800	90.8	91.7	94.0	95.3	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	91.2	92.1	94.5	96.0	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	91.3	92.2	94.7	96.2	97.4	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	91.5	92.4	95.1	96.5	97.9	98.3	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	91.6	92.5	95.3	96.8	98.1	98.5	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	91.6	92.5	95.3	96.8	98.2	98.7	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	91.6	92.5	95.3	96.8	98.3	98.8	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.6	92.5	95.3	96.8	98.3	98.8	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.6	92.5	95.3	96.8	98.3	98.8	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 20000	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 18000	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 16000	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 14000	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 12000	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 10000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 9000	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 8000	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 7000	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 6000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 5000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 4500	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 4000	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 3500	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 3000	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 2500	76.1	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 2000	82.2	82.8	83.4	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1800	83.2	83.8	84.9	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1500	85.6	86.8	88.0	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1200	87.3	89.1	90.5	91.9	92.2	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1000	88.1	90.2	91.8	93.3	93.8	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 900	88.1	90.2	92.1	93.8	94.2	94.4	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 800	88.4	90.5	92.5	94.2	94.9	95.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	88.4	90.5	92.6	94.5	95.3	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	88.5	90.6	92.8	94.8	95.7	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	88.9	90.9	93.4	95.6	96.8	97.7	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	88.9	90.9	93.4	95.6	96.9	98.0	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	88.9	90.9	93.4	95.9	97.2	98.4	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	88.9	90.9	93.4	95.9	97.2	98.4	99.3	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	88.9	90.9	93.4	95.9	97.2	98.4	99.3	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	88.9	90.9	93.4	95.9	97.2	98.4	99.3	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 916

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 20000	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 18000	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 16000	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 14000	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 12000	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 10000	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 9000	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 8000	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 7000	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 6000	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 5000	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 4500	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 4000	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 3500	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 3000	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 2500	74.3	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 2000	81.0	82.4	82.8	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1800	82.5	84.1	84.6	85.0	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1500	85.6	87.7	88.3	89.0	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1200	87.0	89.5	90.6	91.7	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1000	87.6	90.3	91.8	93.5	94.4	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	88.0	90.6	92.5	94.4	95.6	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	88.7	91.4	93.3	95.4	96.6	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	88.7	91.4	93.4	95.6	97.1	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	88.7	91.4	93.4	95.7	97.6	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	88.8	91.5	93.7	96.5	98.3	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	88.8	91.5	93.8	96.7	98.6	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	88.8	91.5	93.8	96.8	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.8	91.5	93.8	96.8	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.8	91.5	93.8	96.8	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	88.8	91.5	93.8	96.8	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 905

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.3	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 20000	45.0	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 18000	45.6	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 16000	46.2	46.4	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 14000	47.1	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 12000	48.1	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 10000	48.9	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 9000	50.8	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 8000	52.3	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 7000	53.9	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 6000	56.4	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 5000	58.9	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 4500	61.6	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 4000	63.4	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 3500	66.3	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 3000	69.9	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 2500	76.0	76.6	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 2000	81.5	83.1	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1800	82.6	84.3	85.5	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1500	85.5	87.4	89.1	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1200	87.3	89.4	91.8	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1000	87.5	89.7	92.6	93.4	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	87.7	89.8	93.1	94.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 800	88.2	90.4	94.0	95.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	88.5	90.7	94.5	95.7	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	88.6	90.8	94.6	95.8	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	89.0	91.1	95.5	96.8	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	89.0	91.1	95.5	97.0	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	89.0	91.1	95.5	97.2	99.0	99.0	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	89.0	91.1	95.5	97.2	99.2	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	89.0	91.1	95.5	97.2	99.2	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	89.0	91.1	95.5	97.2	99.2	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 915

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 20000	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 18000	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 16000	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 14000	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 12000	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 10000	50.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 9000	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 8000	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 7000	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 6000	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 5000	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 4500	60.5	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 4000	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 3500	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 3000	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 2500	75.8	76.1	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 2000	82.0	82.8	83.4	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1800	83.5	84.4	85.2	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1500	85.9	87.1	88.3	89.0	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1200	88.0	89.5	91.2	92.3	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000	88.9	90.5	92.5	93.8	94.6	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 900	89.0	90.7	93.0	94.5	95.4	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	89.4	91.1	93.5	95.0	96.1	96.2	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	89.6	91.3	93.9	95.6	96.8	96.9	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	89.7	91.4	94.1	95.9	97.2	97.4	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	90.0	91.7	94.6	96.6	98.0	98.3	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
GE 400	90.1	91.8	94.8	96.8	98.3	98.7	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	90.1	91.8	94.8	96.9	98.4	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	90.1	91.8	94.8	96.9	98.5	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	90.1	91.8	94.8	96.9	98.5	98.9	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	90.1	91.8	94.8	96.9	98.5	98.9	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7267

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 20000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 18000	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 16000	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 14000	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 12000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 10000	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 9000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 8000	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 7000	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 6000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 5000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 4500	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 4000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 3500	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 3000	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 2500	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 2000	73.8	74.7	74.9	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 1800	76.0	77.0	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 1500	79.9	82.0	83.0	83.6	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1200	82.6	85.1	86.6	88.0	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1000	84.0	86.5	88.5	90.5	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	84.2	86.7	89.0	91.8	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 800	84.5	87.4	89.9	93.0	94.0	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 700	84.9	88.1	91.2	94.6	95.6	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	85.2	88.6	91.7	95.2	96.4	96.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	85.2	88.7	91.8	96.3	97.7	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	85.4	88.8	92.2	97.0	98.4	98.6	99.2	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	85.4	88.8	92.2	97.0	98.4	98.6	99.3	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	85.4	88.8	92.2	97.0	98.4	98.6	99.3	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	85.4	88.8	92.2	97.0	98.4	98.6	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	85.4	88.8	92.2	97.0	98.4	98.6	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 867

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCUPRECE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.5	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 20000	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 18000	42.5	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 16000	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 14000	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 12000	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 10000	45.4	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 9000	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 8000	49.0	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 7000	49.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 6000	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 5000	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 4500	55.2	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 4000	56.7	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 3500	58.5	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 3000	60.7	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 2500	66.7	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 2000	73.8	75.4	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 1800	74.9	76.7	77.2	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1500	78.1	80.6	81.8	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4
GE 1200	80.7	83.7	85.3	86.7	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.9	87.9	87.9	87.9
GE 1000	82.8	85.7	87.8	89.5	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0
GE 900	82.9	86.2	89.0	90.8	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4
GE 800	83.5	86.9	89.6	91.5	92.7	92.7	93.1	93.1	93.1	93.2	93.2	93.2	93.5	93.5	93.5	93.5
GE 700	83.9	87.4	90.4	92.4	94.1	94.1	94.6	94.6	94.6	94.7	94.7	94.7	94.9	94.9	94.9	94.9
GE 600	84.2	87.8	91.0	93.3	95.7	95.7	96.2	96.2	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96.5
GE 500	84.8	88.6	92.1	94.8	97.7	97.7	98.2	98.2	98.2	98.3	98.6	98.6	98.9	98.9	98.9	98.9
GE 400	84.8	88.6	92.1	95.0	98.1	98.1	98.5	98.5	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.5
GE 300	84.8	88.6	92.1	95.0	98.1	98.1	98.8	98.8	98.8	99.2	99.5	99.5	99.8	99.8	99.8	99.8
GE 200	84.8	88.6	92.1	95.0	98.1	98.1	98.8	98.8	98.8	99.2	99.5	99.7	99.9	99.9	99.9	99.9
GE 100	84.8	88.6	92.1	95.0	98.1	98.1	98.8	98.8	98.8	99.2	99.5	99.7	99.9	99.9	99.9	100.0
GE 000	84.8	88.6	92.1	95.0	98.1	98.1	98.8	98.8	98.8	99.2	99.5	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 887



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 20000	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 18000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 16000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 14000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 12000	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 10000	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 9000	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 8000	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 7000	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 6000	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 5000	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 4500	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 4000	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 3500	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 3000	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 2500	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 2000	73.1	73.6	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 1800	74.9	75.4	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 1500	79.7	80.7	81.9	82.6	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1200	82.7	84.2	85.7	86.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	84.5	86.2	88.6	89.9	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 900	85.1	87.3	90.4	92.2	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 800	85.5	87.8	91.2	93.0	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 700	85.6	87.9	91.7	93.5	94.5	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 600	85.6	88.0	92.6	94.6	95.8	95.8	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 500	85.7	88.2	92.8	94.9	96.3	96.5	97.0	97.2	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	85.7	88.2	93.0	95.3	96.9	97.3	98.0	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	85.7	88.4	93.3	95.7	97.5	97.9	98.6	99.0	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7
GE 200	85.7	88.4	93.3	95.7	97.5	97.9	98.6	99.0	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7
GE 100	85.7	88.4	93.3	95.7	97.5	97.9	98.6	99.0	99.2	99.3	99.5	99.8	100.0	100.0	100.0	100.0
GE 000	85.7	88.4	93.3	95.7	97.5	97.9	98.6	99.0	99.2	99.3	99.5	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 867

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6
GE 20000	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9
GE 18000	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1
GE 16000	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1
GE 14000	43.0	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3
GE 12000	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8
GE 10000	44.3	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
GE 9000	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4
GE 8000	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6
GE 7000	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7
GE 6000	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2
GE 5000	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2
GE 4500	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8
GE 4000	53.5	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0
GE 3500	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5
GE 3000	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6
GE 2500	65.2	65.2	65.6	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
GE 2000	75.3	75.6	76.2	76.8	76.9	76.9	76.9	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
GE 1800	76.9	77.3	77.9	78.7	78.8	78.8	78.8	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1
GE 1500	79.7	80.2	81.0	82.2	82.7	82.8	82.8	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
GE 1200	82.4	83.0	84.4	86.2	87.3	87.5	87.6	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
GE 1000	83.8	84.8	86.8	89.3	90.5	90.8	91.2	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 900	84.2	85.3	87.4	90.0	91.2	91.5	92.0	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5
GE 800	84.8	85.9	88.2	91.0	92.3	93.0	93.4	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 700	84.9	86.4	88.9	92.3	94.0	94.8	95.2	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 600	85.0	86.6	89.1	92.6	94.3	95.1	95.6	96.0	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3
GE 500	85.0	86.7	89.3	92.9	94.7	95.7	96.6	97.2	97.2	97.3	97.4	97.4	97.5	97.5	97.6	97.6
GE 400	85.1	86.8	89.5	93.1	95.0	96.0	97.3	98.1	98.1	98.3	98.4	98.4	98.6	98.6	98.8	98.8
GE 300	85.4	87.1	89.7	93.3	95.2	96.3	97.5	98.4	98.5	98.8	98.9	98.9	99.4	99.5	99.7	99.7
GE 200	85.4	87.1	89.7	93.3	95.2	96.3	97.5	98.4	98.5	98.8	99.0	99.0	99.7	99.8	99.9	99.9
GE 100	85.4	87.1	89.7	93.3	95.2	96.3	97.5	98.4	98.5	98.8	99.0	99.0	99.7	99.8	100.0	100.0
GE 000	85.4	87.1	89.7	93.3	95.2	96.3	97.5	98.4	98.5	98.8	99.0	99.0	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 882

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 20000	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 18000	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 16000	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 14000	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 12000	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 10000	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 9000	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 8000	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 7000	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 6000	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5
GE 5000	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7
GE 4500	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4
GE 4000	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6
GE 3500	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4
GE 3000	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
GE 2500	66.7	66.9	67.0	67.2	67.2	67.2	67.4	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8
GE 2000	74.2	74.5	74.7	75.2	75.3	75.3	75.6	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9
GE 1800	77.2	77.9	78.2	78.7	78.8	78.8	79.0	79.1	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4
GE 1500	80.4	81.7	82.4	83.3	83.5	83.5	83.8	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1
GE 1200	83.1	84.8	86.2	87.3	88.3	88.6	88.9	89.2	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6
GE 1000	83.7	86.3	88.5	90.2	91.8	92.4	92.8	93.2	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 900	83.8	86.6	88.8	90.5	92.1	92.8	93.3	93.6	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0
GE 800	84.1	86.9	89.3	91.1	92.8	93.7	94.2	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 700	84.4	87.4	89.8	91.8	93.6	94.8	95.2	95.7	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	84.5	87.5	89.9	91.9	93.9	95.2	95.7	96.2	96.2	96.5	96.6	96.6	96.6	96.6	96.8	96.8
GE 500	84.5	87.7	90.2	92.4	94.7	96.1	96.8	97.3	97.3	97.7	98.1	98.1	98.1	98.1	98.3	98.3
GE 400	84.5	87.8	90.4	92.6	94.9	96.3	97.1	97.9	97.9	98.4	98.8	98.8	98.8	98.8	99.0	99.0
GE 300	84.6	87.9	90.5	92.9	95.2	96.6	97.5	98.3	98.3	98.8	99.3	99.3	99.5	99.5	99.8	99.8
GE 200	84.6	87.9	90.5	92.9	95.2	96.6	97.5	98.3	98.3	98.8	99.3	99.3	99.5	99.5	99.9	99.9
GE 100	84.6	87.9	90.5	92.9	95.2	96.6	97.5	98.3	98.3	98.8	99.3	99.3	99.5	99.5	99.9	99.9
GE 000	84.6	87.9	90.5	92.9	95.2	96.6	97.5	98.3	98.3	98.8	99.3	99.3	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 863

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 20000	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 18000	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 16000	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 14000	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 12000	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 10000	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 9000	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 8000	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 7000	46.8	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 6000	49.7	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 5000	50.6	50.7	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 4500	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1
GE 4000	54.0	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4
GE 3500	56.5	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9
GE 3000	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9
GE 2500	64.5	64.6	64.6	64.6	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2
GE 2000	73.2	73.7	74.1	74.3	74.6	74.6	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3
GE 1800	74.9	75.9	76.2	76.7	77.1	77.1	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8
GE 1500	78.2	79.4	80.2	81.2	81.7	81.7	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5
GE 1200	82.1	84.0	85.4	86.9	87.8	87.9	88.4	88.7	88.7	88.9	88.9	88.9	88.9	88.9	89.0	89.0
GE 1000	83.2	85.4	87.6	89.9	91.2	91.6	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8
GE 900	83.3	85.6	87.7	90.0	91.4	91.7	92.5	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.1	93.1
GE 800	83.7	86.2	88.9	91.6	92.9	93.3	94.1	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.7	94.7
GE 700	84.0	86.9	89.6	92.7	94.3	95.1	96.1	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9
GE 600	84.0	86.9	89.6	92.7	94.4	95.4	96.6	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.6	97.6
GE 500	84.2	87.1	89.9	93.1	95.2	96.4	97.8	98.4	98.4	98.9	99.0	99.0	99.0	99.0	99.1	99.1
GE 400	84.2	87.1	89.9	93.1	95.3	96.5	98.0	98.6	98.6	99.2	99.3	99.3	99.3	99.3	99.4	99.4
GE 300	84.2	87.1	89.9	93.1	95.4	96.6	98.1	98.7	98.7	99.3	99.7	99.7	99.7	99.7	99.8	99.8
GE 200	84.2	87.1	89.9	93.1	95.4	96.6	98.1	98.7	98.7	99.3	99.7	99.7	99.7	99.7	99.8	100.0
GE 100	84.2	87.1	89.9	93.1	95.4	96.6	98.1	98.7	98.7	99.3	99.7	99.7	99.7	99.7	99.8	100.0
GE 000	84.2	87.1	89.9	93.1	95.4	96.6	98.1	98.7	98.7	99.3	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 879

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 20000	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 18000	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 16000	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 14000	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 12000	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 10000	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 9000	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 8000	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 7000	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 6000	50.7	50.7	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 5000	51.4	51.7	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 4500	52.7	52.9	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 4000	53.5	53.7	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 3500	55.6	55.8	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 3000	58.1	58.4	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 2500	63.7	64.2	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 2000	71.1	72.1	72.6	72.8	72.9	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 1800	73.9	75.3	76.0	76.5	76.6	76.6	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 1500	80.4	82.3	83.6	84.0	84.2	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1200	83.1	85.4	87.0	88.1	88.2	88.2	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1000	85.2	87.9	89.9	91.5	91.7	91.7	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 900	85.2	87.9	90.0	91.6	92.1	92.1	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 800	85.4	88.3	90.6	92.9	93.3	93.3	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 700	85.9	89.6	92.1	94.7	95.3	95.3	95.6	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	85.9	89.6	92.2	95.2	95.8	96.0	96.6	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	86.3	90.0	92.9	96.1	97.2	97.5	98.0	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	86.3	90.0	92.9	96.2	97.6	97.9	98.6	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	86.3	90.0	93.0	96.3	97.7	98.0	98.7	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 200	86.3	90.0	93.0	96.3	97.8	98.2	98.9	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	86.3	90.0	93.0	96.3	97.8	98.2	98.9	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 000	86.3	90.0	93.0	96.3	97.8	98.2	98.9	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 871

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.8	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 20000	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 18000	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 16000	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 14000	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 12000	45.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 10000	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 9000	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 8000	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 7000	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 6000	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 5000	53.7	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 4500	54.9	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 4000	56.3	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 3500	59.3	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 3000	60.8	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 2500	67.0	67.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 2000	72.9	73.7	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 1800	75.2	76.2	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 1500	80.6	82.4	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1200	84.0	86.5	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1000	85.9	88.8	91.3	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 900	86.2	89.1	92.0	93.8	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	87.1	90.3	93.6	95.5	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	87.2	90.4	93.9	96.1	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	87.3	90.5	94.4	96.8	97.6	97.6	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	87.4	90.9	95.4	98.1	99.1	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	87.4	90.9	95.4	98.2	99.2	99.2	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	87.4	90.9	95.4	98.2	99.3	99.3	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.4	90.9	95.4	98.2	99.3	99.3	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.4	90.9	95.4	98.2	99.3	99.3	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.4	90.9	95.4	98.2	99.3	99.3	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 875

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 20000	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 18000	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 16000	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 14000	43.3	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 12000	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1
GE 10000	44.6	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 9000	45.3	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 8000	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 7000	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 6000	50.6	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 5000	52.1	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 4500	53.4	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 4000	55.1	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 3500	57.6	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 3000	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 2500	65.9	66.2	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 2000	73.4	74.2	74.6	74.8	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 1800	75.5	76.5	77.0	77.4	77.5	77.5	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1500	79.6	81.2	82.2	83.0	83.3	83.3	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1200	82.6	84.6	86.2	87.4	88.1	88.1	88.3	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
GE 1000	84.1	86.5	88.6	90.4	91.3	91.5	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 900	84.4	86.8	89.3	91.3	92.3	92.5	92.8	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 800	84.8	87.5	90.2	92.4	93.5	93.7	94.1	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 700	85.1	88.0	91.0	93.5	94.8	95.1	95.5	95.7	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0
GE 600	85.2	88.2	91.3	94.0	95.5	95.9	96.4	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	85.4	88.5	91.8	94.8	96.6	97.1	97.7	98.0	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5
GE 400	85.4	88.5	91.9	95.1	96.9	97.5	98.3	98.6	98.7	99.0	99.2	99.2	99.2	99.2	99.3	99.3
GE 300	85.5	88.6	92.0	95.2	97.1	97.7	98.5	98.9	99.0	99.3	99.5	99.6	99.7	99.7	99.8	99.8
GE 200	85.5	88.6	92.0	95.2	97.1	97.7	98.5	98.9	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.9
GE 100	85.5	88.6	92.0	95.2	97.1	97.7	98.5	98.9	99.0	99.4	99.6	99.6	99.8	99.8	99.9	100.0
GE 000	85.5	88.6	92.0	95.2	97.1	97.7	98.5	98.9	99.0	99.4	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6991

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 20000	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 18000	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 16000	36.7	36.7	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 14000	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 12000	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 10000	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 9000	39.5	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 8000	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 7000	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 6000	44.5	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 5000	46.3	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 4500	48.0	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 4000	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 3500	51.1	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 3000	55.1	55.2	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 2500	62.8	63.0	63.0	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 2000	69.5	70.0	70.3	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 1800	71.2	71.9	72.3	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 1500	74.8	76.3	76.8	77.4	77.8	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1200	78.8	80.8	82.1	83.7	84.5	84.5	84.6	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1000	81.2	83.3	85.1	87.5	88.4	88.4	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 900	81.4	83.7	85.7	88.4	90.0	90.0	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 800	82.2	84.6	86.7	89.8	92.0	92.0	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 700	82.6	85.4	87.9	91.1	93.5	93.5	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 600	83.0	85.9	88.4	92.1	94.8	94.8	95.1	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 500	83.0	85.9	88.8	93.1	96.2	96.2	96.5	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 400	83.1	86.0	88.9	93.5	97.2	97.6	97.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	83.1	86.0	89.1	93.8	97.6	97.9	98.3	98.7	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6
GE 200	83.1	86.0	89.1	93.8	97.6	97.9	98.6	98.9	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	83.1	86.0	89.1	93.8	97.6	97.9	98.6	98.9	98.9	99.4	99.7	99.7	99.8	99.8	100.0	100.0
GE 000	83.1	86.0	89.1	93.8	97.6	97.9	98.6	98.9	98.9	99.4	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 898



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 20000	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 18000	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 16000	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 14000	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 12000	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 10000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 9000	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 8000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 7000	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 6000	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 5000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 4500	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 4000	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 3500	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 3000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 2500	62.6	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 2000	69.2	69.6	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 1800	72.0	72.7	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 1500	75.5	76.6	77.7	78.1	78.1	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 1200	78.8	80.1	81.6	82.8	83.1	83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1000	81.5	83.3	85.8	88.3	88.7	88.9	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
GE 900	82.4	84.2	87.0	89.6	90.5	90.6	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 800	83.0	84.7	87.7	91.1	92.2	92.3	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	83.6	85.8	89.1	92.8	94.1	94.2	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 600	83.7	85.9	89.4	93.2	94.5	94.8	95.3	95.6	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	83.8	86.1	89.7	93.8	95.2	95.4	96.1	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	83.9	86.2	89.9	94.1	96.5	96.7	97.4	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.1	98.1
GE 300	83.9	86.2	90.1	94.5	96.9	97.3	98.1	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3
GE 200	83.9	86.2	90.1	94.5	96.9	97.3	98.4	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.8	99.8
GE 100	83.9	86.2	90.1	94.5	96.9	97.3	98.4	99.1	99.1	99.6	99.7	99.7	99.7	99.8	99.9	100.0
GE 000	83.9	86.2	90.1	94.5	96.9	97.3	98.4	99.1	99.1	99.6	99.7	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 915

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 20000	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 18000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 16000	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 14000	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 12000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 10000	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 9000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 8000	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 7000	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 6000	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 5000	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 4500	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 4000	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 3500	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 3000	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 2500	59.8	60.2	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 2000	66.4	67.0	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 1800	69.2	70.0	70.9	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 1500	73.1	74.4	76.0	76.2	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 1200	76.8	78.5	80.6	82.0	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1000	78.9	81.2	83.8	85.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 900	79.4	81.8	85.7	87.6	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 800	79.8	82.6	86.9	89.2	90.5	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.9	91.0	91.0	91.0
GE 700	80.2	83.1	87.7	90.3	91.7	91.7	91.8	92.0	92.0	92.2	92.2	92.2	92.3	92.4	92.4	92.4
GE 600	80.3	83.4	88.4	91.0	92.7	92.7	92.8	93.0	93.0	93.2	93.2	93.3	93.4	93.5	93.5	93.5
GE 500	80.7	83.9	89.5	92.6	94.3	94.3	95.1	95.3	95.3	95.6	95.6	95.7	95.8	95.9	95.9	95.9
GE 400	80.7	83.9	89.9	93.5	95.6	95.6	96.5	97.5	97.5	97.9	98.0	98.1	98.2	98.4	98.4	98.4
GE 300	80.7	83.9	90.1	94.0	96.2	96.2	97.2	98.2	98.4	98.8	99.1	99.2	99.3	99.5	99.5	99.5
GE 200	80.7	83.9	90.1	94.0	96.2	96.2	97.4	98.5	98.6	99.1	99.5	99.6	99.8	99.9	99.9	99.9
GE 100	80.7	83.9	90.1	94.0	96.2	96.2	97.4	98.5	98.6	99.1	99.5	99.6	99.8	100.0	100.0	100.0
GE 000	80.7	83.9	90.1	94.0	96.2	96.2	97.4	98.5	98.6	99.1	99.5	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 913

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.9	32.9	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 20000	37.3	37.3	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 18000	37.5	37.5	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 16000	37.8	37.8	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 14000	38.3	38.3	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 12000	39.6	39.6	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 10000	39.8	39.8	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 9000	40.5	40.5	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 8000	41.6	41.6	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 7000	43.3	43.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 6000	44.1	44.1	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 5000	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 4500	46.1	46.1	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 4000	47.7	47.7	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 3500	50.2	50.2	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 3000	53.0	53.0	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 2500	59.2	59.3	59.5	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 2000	65.9	66.6	67.3	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 1800	67.1	67.8	68.5	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 1500	71.1	72.1	73.2	74.0	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 1200	75.3	77.1	79.9	82.2	83.1	83.1	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1000	76.7	79.0	82.4	85.5	86.9	87.2	87.3	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 900	77.5	80.0	83.7	87.2	88.7	88.9	89.3	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 800	78.1	80.6	84.4	88.2	89.9	90.3	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	78.4	81.1	85.0	88.9	90.9	91.4	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 600	78.7	81.6	85.6	89.7	92.0	92.6	93.5	93.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	78.8	81.7	85.8	90.3	93.3	94.4	95.7	95.9	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 400	78.8	81.7	86.0	90.6	93.7	94.9	96.7	97.2	97.3	98.1	98.2	98.2	98.3	98.3	98.3	98.3
GE 300	78.8	81.7	86.0	90.7	93.8	95.0	96.8	97.7	97.8	98.6	98.7	98.7	98.9	98.9	98.9	98.9
GE 200	78.8	81.7	86.1	90.8	93.9	95.1	97.1	98.0	98.1	98.9	99.3	99.3	99.6	99.6	99.7	99.7
GE 100	78.8	81.7	86.1	90.8	93.9	95.1	97.1	98.0	98.1	98.9	99.3	99.3	99.7	99.7	100.0	100.0
GE 000	78.8	81.7	86.1	90.8	93.9	95.1	97.1	98.0	98.1	98.9	99.3	99.3	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 904

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 20000	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 18000	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 16000	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 14000	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 12000	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 10000	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 9000	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 8000	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 7000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 6000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 5000	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 4500	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 4000	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 3500	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 3000	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 2500	58.9	59.1	59.3	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 2000	67.9	68.2	68.9	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 1800	69.7	70.2	71.1	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 1500	72.8	74.0	75.8	76.8	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 1200	76.3	78.4	81.4	83.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1000	77.6	80.0	83.6	85.6	87.3	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 900	77.9	80.6	84.1	86.3	88.2	88.6	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 800	78.3	81.4	85.3	87.7	89.9	90.2	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE 700	78.7	81.9	86.0	88.6	91.1	91.9	93.0	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	78.8	82.3	86.6	89.3	92.1	93.1	94.3	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 500	78.8	82.4	86.7	89.4	92.6	93.9	95.3	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 400	78.8	82.4	86.9	89.8	93.2	94.9	97.0	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 300	78.8	82.4	86.9	89.9	93.3	95.1	97.3	97.9	97.9	98.6	98.7	98.7	98.7	98.7	98.8	98.8
GE 200	78.8	82.4	86.9	89.9	93.3	95.1	97.3	98.0	98.0	98.9	99.6	99.6	99.6	99.7	99.8	99.8
GE 100	78.8	82.4	86.9	89.9	93.3	95.1	97.3	98.0	98.0	98.9	99.6	99.6	99.8	99.9	100.0	100.0
GE 000	78.8	82.4	86.9	89.9	93.3	95.1	97.3	98.0	98.0	98.9	99.6	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.3	28.3
GE 20000	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.8	34.8
GE 18000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.5	35.5
GE 16000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.5	35.5
GE 14000	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	36.1	36.1
GE 12000	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.8	36.8
GE 10000	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.7	37.7
GE 9000	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.9	37.9
GE 8000	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.6	39.6
GE 7000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.8	40.8
GE 6000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.6	41.6
GE 5000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.3	42.3
GE 4500	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.8	43.8
GE 4000	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.3	46.3
GE 3500	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.0	49.0
GE 3000	51.1	51.1	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.7	51.7
GE 2500	56.6	56.9	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.4	57.4
GE 2000	65.3	65.7	65.8	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.9	66.9
GE 1800	68.0	68.8	69.0	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.2	70.2
GE 1500	71.9	73.5	73.9	74.8	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	76.0	76.0
GE 1200	76.1	78.4	79.9	81.3	82.5	82.7	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.6	83.6
GE 1000	77.7	80.2	82.4	84.0	85.3	85.7	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.8	86.8
GE 900	77.8	80.4	82.9	84.6	86.0	86.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	88.1	88.1
GE 800	78.1	81.0	83.5	85.8	87.5	88.4	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	90.2	90.2
GE 700	78.2	81.2	84.3	86.9	89.0	90.2	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	92.0	92.0
GE 600	78.2	81.3	85.0	87.6	89.7	90.9	92.6	92.7	92.7	92.8	92.9	92.9	92.9	92.9	93.3	93.3
GE 500	78.4	81.6	86.0	88.7	90.9	92.6	94.2	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.9	94.9
GE 400	78.4	81.6	86.0	88.9	91.3	93.4	96.0	96.3	96.5	96.8	96.9	96.9	97.2	97.2	97.6	97.6
GE 300	78.4	81.6	86.0	88.9	91.4	93.6	96.5	97.0	97.1	97.7	97.8	97.8	98.2	98.2	98.7	98.7
GE 200	78.4	81.6	86.0	88.9	91.4	93.6	96.5	97.2	97.3	98.0	98.3	98.3	98.8	98.8	99.4	99.6
GE 100	78.4	81.6	86.0	88.9	91.4	93.6	96.5	97.2	97.3	98.0	98.3	98.5	99.0	99.0	99.7	99.8
GE 000	78.4	81.6	86.0	88.9	91.4	93.6	96.5	97.2	97.3	98.0	98.3	98.5	99.1	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 904

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	30.0	30.0	30.0	30.0
GE 20000	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	34.0	34.0	34.0	34.0
GE 18000	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.5	35.5	35.5	35.5
GE 16000	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.6	35.6	35.6	35.6
GE 14000	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.3	36.3	36.3	36.3
GE 12000	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.3	36.3	36.3	36.3
GE 10000	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.9	36.9	36.9	36.9
GE 9000	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.5	37.5	37.5	37.5
GE 8000	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	39.0	39.0	39.0	39.0
GE 7000	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.8	39.8	39.8	39.8
GE 6000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	41.0	41.0	41.0	41.0
GE 5000	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.9	41.9	41.9	41.9
GE 4500	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.4	43.4	43.4	43.4
GE 4000	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.8	45.8	45.8	45.8
GE 3500	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.6	47.6	47.6	47.6
GE 3000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.9	50.9	50.9	50.9
GE 2500	57.3	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9	57.9
GE 2000	64.6	65.3	65.5	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.6	66.6	66.6	66.6
GE 1800	66.3	67.0	67.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8	68.8
GE 1500	71.6	72.7	73.8	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.6
GE 1200	75.3	77.2	79.1	81.7	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	83.0	83.0	83.0	83.0
GE 1000	77.4	79.6	82.3	85.6	86.5	86.5	86.7	86.7	86.7	86.9	86.9	86.9	87.1	87.1	87.1	87.1
GE 900	77.7	80.2	83.2	86.6	87.6	87.6	87.9	88.0	88.0	88.1	88.1	88.1	88.3	88.3	88.3	88.3
GE 800	77.8	80.5	83.6	88.1	89.2	89.2	89.6	89.8	89.8	89.9	89.9	89.9	90.1	90.1	90.1	90.1
GE 700	78.5	81.5	85.2	90.6	91.9	91.9	92.3	92.4	92.4	92.5	92.5	92.5	92.8	92.8	92.8	92.8
GE 600	78.5	81.7	85.7	92.0	93.3	93.3	94.1	94.2	94.3	94.4	94.4	94.4	94.7	94.7	94.7	94.7
GE 500	78.8	82.1	86.1	92.4	94.4	94.4	95.4	95.5	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.0
GE 400	79.0	82.2	86.2	93.0	95.5	95.7	97.1	97.3	97.6	97.8	98.0	98.0	98.2	98.2	98.2	98.2
GE 300	79.0	82.2	86.2	93.1	96.0	96.3	97.8	98.1	98.3	98.6	99.0	99.0	99.2	99.2	99.3	99.3
GE 200	79.0	82.2	86.2	93.1	96.0	96.3	97.8	98.1	98.3	98.7	99.2	99.2	99.4	99.6	99.8	99.8
GE 100	79.0	82.2	86.2	93.1	96.0	96.3	97.8	98.1	98.3	98.7	99.2	99.2	99.6	99.7	99.9	99.9
GE 000	79.0	82.2	86.2	93.1	96.0	96.3	97.8	98.1	98.3	98.7	99.2	99.2	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.3	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 20000	32.7	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 18000	33.5	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 16000	33.5	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 14000	34.6	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 12000	35.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 10000	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 9000	36.1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 8000	38.1	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 7000	38.7	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 6000	40.6	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 5000	42.0	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 4500	43.1	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 4000	45.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 3500	47.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 3000	49.4	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 2500	56.8	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 2000	65.4	66.6	66.6	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 1800	67.6	68.9	69.3	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 1500	72.8	74.3	74.8	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 1200	75.6	77.7	79.3	81.9	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1000	77.8	80.0	82.9	85.9	86.6	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 900	78.3	80.6	83.8	87.2	87.9	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 800	78.8	81.2	84.6	88.5	89.6	89.7	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 700	79.3	81.8	85.9	90.6	92.1	92.3	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 600	79.6	82.3	86.7	91.8	93.5	93.7	94.3	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 500	80.0	82.8	87.7	93.2	95.4	95.6	96.3	96.4	96.4	96.5	96.6	96.6	96.8	96.8	96.8	96.8
GE 400	80.1	83.0	88.1	94.3	96.8	97.1	97.8	97.9	97.9	98.0	98.4	98.4	98.9	98.9	98.9	98.9
GE 300	80.1	83.0	88.1	94.3	96.8	97.1	97.8	97.9	97.9	98.0	98.8	98.8	99.6	99.6	99.6	99.6
GE 200	80.1	83.0	88.1	94.4	97.0	97.4	98.0	98.1	98.1	98.4	99.2	99.2	100.0	100.0	100.0	100.0
GE 100	80.1	83.0	88.1	94.4	97.0	97.4	98.0	98.1	98.1	98.4	99.2	99.2	100.0	100.0	100.0	100.0
GE 000	80.1	83.0	88.1	94.4	97.0	97.4	98.0	98.1	98.1	98.4	99.2	99.2	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 911

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 20000	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.7
GE 18000	36.1	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 16000	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4
GE 14000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9
GE 12000	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.6	37.6	37.6	37.6
GE 10000	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.5
GE 9000	38.8	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 8000	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2	40.2	40.2	40.2
GE 7000	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.4	41.4
GE 6000	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6
GE 5000	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.7	43.7
GE 4500	45.0	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 4000	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2
GE 3500	49.5	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 3000	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9
GE 2500	59.3	59.5	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0
GE 2000	66.8	67.4	67.8	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4
GE 1800	68.9	69.7	70.2	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 1500	73.0	74.2	75.3	76.1	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 1200	76.6	78.5	80.5	82.4	83.1	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5
GE 1000	78.6	80.8	83.5	86.0	87.1	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
GE 900	79.1	81.4	84.5	87.2	88.5	88.7	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.3
GE 800	79.5	82.1	85.4	88.5	90.1	90.3	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2
GE 700	79.9	82.7	86.4	90.0	91.8	92.1	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.2	93.2
GE 600	80.1	83.1	87.0	90.8	92.8	93.2	94.0	94.2	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5
GE 500	80.3	83.3	87.5	91.7	94.0	94.6	95.6	95.8	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.2
GE 400	80.4	83.4	87.7	92.2	95.0	95.7	97.0	97.4	97.5	97.8	98.0	98.0	98.2	98.2	98.2	98.2
GE 300	80.4	83.4	87.8	92.4	95.3	96.1	97.5	98.0	98.1	98.6	98.8	98.9	99.1	99.1	99.2	99.2
GE 200	80.4	83.4	87.8	92.4	95.3	96.1	97.6	98.2	98.3	98.9	99.3	99.3	99.6	99.6	99.8	99.8
GE 100	80.4	83.4	87.8	92.4	95.3	96.1	97.6	98.2	98.3	98.9	99.3	99.3	99.7	99.7	99.9	100.0
GE 000	80.4	83.4	87.8	92.4	95.3	96.1	97.6	98.2	98.3	98.9	99.3	99.3	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7243



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.7	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 20000	35.7	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 18000	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 16000	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.4
GE 14000	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 12000	37.4	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 10000	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7
GE 9000	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.5
GE 8000	40.7	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 7000	42.2	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.5
GE 6000	44.0	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.3
GE 5000	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2
GE 4500	47.9	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2
GE 4000	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5
GE 3500	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 3000	56.6	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1
GE 2500	63.8	64.0	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 2000	71.3	71.9	72.3	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8
GE 1800	73.5	74.2	74.7	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
GE 1500	77.2	78.2	79.1	79.6	79.9	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1200	80.3	81.7	83.0	84.0	84.5	84.6	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1000	82.0	83.6	85.4	86.8	87.5	87.7	87.9	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 900	82.5	84.3	86.3	87.9	88.7	88.9	89.2	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5
GE 800	83.2	85.2	87.4	89.3	90.3	90.6	90.9	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 700	83.8	85.9	88.4	90.6	91.8	92.1	92.6	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 600	84.2	86.4	89.1	91.5	92.9	93.4	93.9	94.2	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.6
GE 500	84.6	86.8	89.8	92.5	94.2	94.8	95.6	95.9	95.9	96.2	96.3	96.3	96.4	96.4	96.5	96.5
GE 400	84.7	87.0	90.1	93.1	95.0	95.8	96.8	97.3	97.3	97.7	97.9	97.9	98.0	98.0	98.1	98.1
GE 300	84.8	87.1	90.3	93.3	95.4	96.2	97.4	97.9	98.0	98.5	98.7	98.7	98.9	98.9	99.0	99.1
GE 200	84.8	87.1	90.3	93.4	95.5	96.4	97.6	98.2	98.3	98.8	99.1	99.1	99.4	99.5	99.6	99.7
GE 100	84.8	87.1	90.3	93.4	95.5	96.4	97.6	98.2	98.3	98.9	99.2	99.2	99.6	99.7	99.9	100.0
GE 000	84.8	87.1	90.3	93.4	95.5	96.4	97.6	98.2	98.3	98.9	99.2	99.2	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 85618

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	16.5	13.4	11.6	56.8	1.7	70.1	.4	895
03-05	14.3	12.2	15.9	55.8	1.8	73.5	.3	925
06-08	11.9	17.1	14.6	54.4	2.0	71.0	.9	913
09-11	7.7	17.0	19.4	53.1	2.7	75.2	.7	917
12-14	5.7	16.5	21.5	54.0	2.3	77.8	.3	908
15-17	4.9	18.1	19.2	55.2	2.7	77.0	.9	901
18-20	8.9	16.0	14.3	58.7	2.2	75.2	.5	915
21-23	13.2	13.7	11.2	59.5	2.4	73.1	.5	918
ALL HOURS	10.4	15.5	16.0	55.9	2.2	74.1	.6	7292

MONTH: FEB HOURS: ALL

00-02	21.5	11.4	10.4	53.9	2.8	67.1	.2	833
03-05	22.6	10.9	10.2	53.2	3.2	66.5		837
06-08	20.7	13.9	11.1	51.6	2.7	65.4	.1	841
09-11	11.7	15.7	18.4	52.7	1.6	72.6	.5	837
12-14	12.4	14.6	19.9	50.2	2.9	73.0	.6	830
15-17	13.5	16.3	18.5	48.3	3.3	70.2	1.1	842
18-20	14.6	16.6	14.6	52.0	2.2	68.8	1.1	833
21-23	19.6	15.8	12.1	50.2	2.1	64.5	.1	840
ALL HOURS	17.1	14.4	14.4	51.5	2.6	68.5	.5	6693

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
					TOTAL OBSCURATION				
00-02	19.5	14.7	12.5	51.8	1.5	65.8	.2		893
03-05	19.4	14.8	13.1	51.2	1.5	65.8			918
06-08	12.2	18.8	17.4	49.4	2.1	69.0			902
09-11	9.9	18.6	17.1	51.6	2.8	71.5	.3		919
12-14	10.9	17.0	18.7	51.7	1.7	72.0	.3		905
15-17	10.3	15.9	21.1	51.0	1.6	73.8	.4		913
18-20	11.2	16.0	16.1	55.4	1.2	72.7	.4		899
21-23	16.7	13.5	11.0	56.8	2.1	69.8			912
ALL HOURS	13.8	16.2	15.9	52.4	1.8	70.1	.2		7261

MONTH: APR HOURS: ALL

00-02	17.1	12.7	16.8	52.1	1.3	70.2	.5		875
03-05	15.8	14.0	16.5	51.7	2.0	70.2	.3		893
06-08	10.2	16.2	21.8	49.9	1.9	73.6	.1		890
09-11	9.4	15.3	21.0	52.6	1.7	75.3	.3		886
12-14	7.9	17.4	22.8	50.3	1.7	74.7	.7		887
15-17	8.4	19.4	24.1	46.0	2.2	72.3	.2		883
18-20	8.3	20.1	21.7	47.7	2.2	71.6			880
21-23	13.6	15.4	17.0	52.4	1.7	71.0	.1		890
ALL HOURS	11.3	16.3	20.2	50.3	1.8	72.4	.3		7084

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	14.1	14.4	16.6	54.4	.6	71.5		905
03-05	10.4	15.1	20.1	53.4	1.0	74.5	.2	915
06-08	10.2	10.6	17.1	61.3	.9	79.2	.2	896
09-11	7.2	12.8	20.5	58.8	.7	80.0	.1	906
12-14	5.9	12.4	24.5	57.0	.2	81.7	.1	902
15-17	4.4	16.8	28.2	50.1	.4	78.8	.3	910
18-20	5.7	18.7	23.6	51.3	.7	75.6	.1	905
21-23	9.8	18.3	17.6	53.9	.4	72.0		920
ALL HOURS	8.5	14.9	21.0	55.0	.6	76.6	.1	7259

MONTH: JUN HOURS: ALL

00-02	9.6	12.2	13.9	64.1	.1	78.2		875
03-05	8.1	10.1	14.3	66.2	1.2	81.8		888
06-08	6.4	10.4	14.5	67.3	1.4	83.2	.1	887
09-11	4.8	9.5	17.1	67.0	1.6	85.7	.3	882
12-14	3.2	11.6	20.7	63.7	.8	85.3	.2	882
15-17	2.8	15.7	21.6	59.4	.5	81.5	.2	880
18-20	6.0	13.4	21.2	58.9	.5	80.6		881
21-23	7.0	13.6	18.3	60.0	1.0	79.3	.2	881
ALL HOURS	6.0	12.1	17.7	63.4	.9	81.9	.1	7056

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	8.9	15.4	13.7	60.5	1.6	75.7	.2	901
03-05	6.9	14.7	17.9	58.1	2.4	78.4	.9	912
06-08	7.9	10.6	19.3	59.7	2.5	81.5	.9	909
09-11	6.5	14.3	19.7	56.7	2.7	79.2	.3	913
12-14	5.1	16.0	22.9	54.3	1.7	78.9	.2	900
15-17	4.4	17.8	24.5	52.3	1.1	77.9	.4	912
18-20	5.7	15.4	22.5	55.2	1.1	78.9	.2	905
21-23	7.7	13.6	19.5	58.0	1.3	78.8	.1	914
ALL HOURS	6.6	14.7	20.0	56.9	1.8	78.7	.4	7266

MONTH: AUG HOURS: ALL

00-02	14.0	17.4	18.2	48.4	2.0	68.5		912
03-05	13.7	16.0	19.0	49.5	1.9	70.3	.5	912
06-08	9.5	15.1	19.6	53.3	2.4	75.4	.6	906
09-11	8.0	18.0	23.0	48.3	2.6	74.0	.4	907
12-14	6.1	14.6	28.9	49.6	.9	79.4	.2	892
15-17	5.7	15.8	30.6	47.1	.8	78.5	.4	915
18-20	7.4	17.0	24.8	49.7	1.2	75.7	.3	908
21-23	10.9	18.2	18.3	50.4	2.2	70.9	.2	908
ALL HOURS	9.4	16.5	22.8	49.5	1.7	74.1	.3	7260

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	16.2	17.5	15.4	50.2	.7	66.3	.1	878
03-05	17.3	17.2	14.6	50.0	.8	65.4	.1	888
06-08	9.5	18.5	19.6	51.7	.7	72.0	.2	882
09-11	6.9	18.4	24.0	50.3	.3	74.7	.9	880
12-14	2.8	21.4	27.7	47.2	.9	75.8	.3	869
15-17	3.7	18.9	31.0	45.6	.8	77.4	.3	885
18-20	5.6	17.4	29.3	47.0	.8	77.1	.2	881
21-23	12.8	21.7	16.8	48.1	.7	65.5		882
ALL HOURS	9.4	18.9	22.3	48.8	.7	71.8	.3	7045

MONTH: OCT HOURS: ALL

00-02	26.5	15.9	17.6	39.0	1.0	57.7	.1	907
03-05	26.7	18.3	14.8	39.5	.5	54.9	.4	916
06-08	19.6	21.4	19.3	39.5	.2	59.0	.4	914
09-11	14.4	24.1	22.0	38.9	.6	61.5	.1	903
12-14	11.6	23.1	26.0	38.8	.4	65.3	.2	896
15-17	9.2	24.6	25.0	40.5	.8	66.3	.3	916
18-20	13.2	25.8	14.9	45.8	.3	61.0		907
21-23	22.0	18.6	16.5	42.5	.4	59.5	.1	915
ALL HOURS	17.9	21.5	19.5	40.6	.5	60.6	.2	7274

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS			
	CLEAR	SCATTERED	BROKEN	OVERCAST				
					TOTAL OBS	GT 1/2	PARTIAL OBS	
00-02	21.4	18.9	13.8	45.3	.6	59.7	.1	868
03-05	19.6	19.4	14.2	46.5	.3	61.0		888
06-08	15.9	20.9	17.1	45.3	.8	63.2	.3	867
09-11	9.1	23.1	21.7	44.2	1.9	67.8	.2	883
12-14	11.2	20.9	22.1	43.8	2.0	67.9	.3	865
15-17	11.0	19.0	22.8	46.3	.9	70.0	.5	880
18-20	18.1	17.4	15.8	48.1	.6	64.4	.2	872
21-23	23.3	16.3	14.4	45.5	.5	60.4	.1	876
ALL HOURS	16.2	19.5	17.7	45.6	.9	64.3	.2	6999

MONTH: DEC HOURS: ALL

00-02	18.9	14.7	10.5	54.8	1.1	66.4	.3	898
03-05	19.6	13.7	13.8	51.8	1.0	66.6	.1	917
06-08	16.9	17.4	10.6	53.7	1.4	65.7		913
09-11	9.3	20.5	15.1	53.4	1.8	70.2	.3	907
12-14	8.5	15.2	18.2	56.2	1.9	76.2	.2	901
15-17	8.7	15.2	17.4	56.5	2.2	76.1	.1	904
18-20	12.7	15.0	13.1	57.6	1.6	72.3		899
21-23	15.6	14.2	13.9	54.5	1.8	70.2		913
ALL HOURS	13.8	15.7	14.1	54.8	1.6	70.5	.1	7252

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	17.0	14.9	14.3	52.6	1.2	68.1	.2	10640
03-05	16.2	14.7	15.4	52.2	1.5	69.1	.2	10809
06-08	12.5	15.9	16.8	53.1	1.6	71.5	.3	10720
09-11	8.7	17.3	19.9	52.3	1.8	74.0	.4	10740
12-14	7.6	16.7	22.8	51.4	1.4	75.7	.3	10637
15-17	7.2	17.8	23.7	49.9	1.4	75.0	.4	10741
18-20	9.8	17.4	19.4	52.3	1.2	72.8	.3	10685
21-23	14.3	16.1	15.6	52.7	1.4	69.6	.1	10769
ALL HOURS	11.7	16.4	18.5	52.1	1.4	72.0	.3	85741





PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

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## PART E

### TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

#### TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

#### MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

TEMPERATURE CONVERSIONS:       $F = 1.8C + 32$

$C = K - 273.0$  (BEFORE 5 APRIL 77)

$C = K - 273.2$  (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 85						.1							.0
GE 80					.1	.4	.6	.2					.1
GE 75					.1	1.4	2.7	1.3					.5
GE 70					.6	3.7	9.0	8.7	.9				1.9
GE 65					1.6	9.3	23.6	24.9	4.3				5.4
GE 60				.6	3.9	22.7	48.6	53.4	18.2	.6			12.5
GE 55		.2	.2	1.9	13.3	46.8	76.0	84.8	54.8	5.4		.2	23.8
GE 50	.3	1.0	1.5	7.7	36.9	75.4	96.5	99.6	92.1	27.5	2.0	.6	37.0
GE 45	3.8	5.3	12.6	32.8	75.5	97.2	100.0	100.0	99.4	66.9	17.8	5.1	51.6
GE 40	30.1	31.2	44.6	70.1	98.1	100.0			100.0	88.4	55.9	35.6	71.4
GE 35	65.0	67.1	75.1	92.5	99.7					95.7	82.6	65.8	87.0
GE 33	72.1	74.2	82.2	96.1	99.8					97.0	87.6	72.6	90.2
GE 30	79.4	82.1	87.7	98.1	99.9					98.7	94.1	81.7	93.5
GE 25	87.8	89.5	94.8	99.6	100.0					99.8	97.7	89.8	96.6
GE 20	94.0	96.6	98.2	100.0						100.0	99.5	96.1	98.7
GE 15	97.9	99.0	99.5								100.0	99.0	99.6
GE 10	99.6	99.7	99.8									100.0	99.9
GE 5	99.9	99.9	100.0										100.0
GE 0	99.9	100.0											100.0
GE -5	100.0												100.0
MEAN	34.8	35.4	37.7	42.1	48.4	54.8	59.8	60.7	55.5	46.2	39.5	35.5	45.9
SD	7.75	7.27	6.80	5.60	5.78	7.03	6.67	5.75	4.71	5.79	5.88	7.33	11.35
TOTAL OBS	1267	1157	1271	1230	1271	1230	1271	1271	1230	1271	1230	1271	14970

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 65						.2							.0
GE 60						.9	.4	.6	.1				.2
GE 55						1.7	5.0	5.2	.6				1.1
GE 50				.2	.4	7.6	41.2	52.3	14.0	.2			9.8
GE 45		.1		.6	5.0	46.3	90.5	88.2	53.6	7.6	.8		24.6
GE 40	2.9	1.5	1.7	4.6	40.3	90.3	99.3	98.9	82.8	27.5	9.2	2.9	38.7
GE 35	20.1	16.9	17.2	32.4	81.1	99.3	100.0	100.0	96.5	54.0	29.9	18.8	55.7
GE 33	30.0	28.6	31.2	51.0	90.6	99.8			98.6	65.3	41.9	28.0	63.9
GE 30	43.2	42.6	50.3	70.7	97.9	100.0			99.7	80.6	56.4	40.9	73.7
GE 25	61.6	61.8	70.3	89.2	99.7				100.0	94.2	78.5	61.1	84.8
GE 20	76.7	74.9	82.3	96.3	100.0					97.8	91.7	76.4	91.4
GE 15	87.5	86.5	92.2	98.6						99.4	97.0	87.6	95.8
GE 10	94.1	94.6	96.5	99.8						100.0	98.9	95.2	98.3
GE 5	97.4	97.3	98.2	100.0							99.8	98.3	99.3
GE 0	99.1	99.1	99.6								100.0	99.9	99.8
GE -5	99.8	99.7	99.8									100.0	99.9
GE -10	99.9	99.9	100.0										100.0
GE -15	99.9	100.0											100.0
GE -20	100.0												100.0
MEAN	26.0	25.7	27.4	31.6	38.1	44.2	48.8	49.1	44.3	35.1	30.0	26.0	35.6
SD	9.47	9.31	8.22	5.80	4.20	4.09	3.45	3.82	5.00	6.73	7.46	9.05	11.01
TOTAL OBS	1263	1158	1271	1230	1271	1230	1271	1271	1230	1271	1230	1271	14967

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK

PERIOD OF RECORD: 4901-8912

LST TO UTC: +09

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 75						.2							.0
GE 70						.6	.2	.2					.1
GE 65					.1	1.2	2.8	1.8	.2				.5
GE 60					.4	3.7	13.2	13.6	1.1				2.7
GE 55				.2	1.7	12.8	45.6	52.3	12.8	.2			10.6
GE 50		.1		.7	7.2	46.0	89.5	94.6	58.9	4.2	.2		25.3
GE 45	.3	.7	.4	4.5	35.2	88.9	99.9	99.9	92.8	27.1	3.3	.2	38.0
GE 40	9.2	7.7	13.2	32.0	86.6	100.0	100.0	100.0	99.3	62.5	24.6	11.3	54.1
GE 35	40.0	39.3	52.2	75.6	99.2				100.0	87.6	58.5	38.9	74.5
GE 33	50.1	50.2	63.2	83.8	99.7					92.4	70.0	51.5	80.2
GE 30	64.1	64.1	73.2	92.4	99.8					96.1	81.6	64.2	86.4
GE 25	79.6	79.5	87.1	97.6	99.9					98.8	94.1	79.9	93.1
GE 20	88.7	89.4	94.1	99.5	100.0					99.8	97.7	90.6	96.7
GE 15	94.5	96.3	98.0	100.0						100.0	99.4	96.2	98.7
GE 10	98.3	98.7	99.4								99.9	99.3	99.6
GE 5	99.4	99.7	99.7								100.0	100.0	99.9
GE 0	99.9	100.0	100.0										100.0
GE -5	99.9												100.0
GE -10	100.0												100.0
MEAN	30.7	30.8	32.8	37.1	43.5	49.7	54.5	55.2	50.2	40.9	35.0	31.0	41.0
SD	8.27	7.84	7.10	5.19	4.19	4.84	4.42	3.93	3.92	5.74	6.29	7.81	10.84
TOTAL OBS	1263	1157	1271	1230	1271	1230	1271	1271	1230	1271	1230	1271	14966

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49	41	42	45	47	66	70	76	68	63	55	47	42	76
50	51	37	42	46	62	63	72	74	60	55	48	42	74
51	39	42	40	46	56	66	75	70	64	53	49	48	75
52	45	46	44	45	50	67	75	75	60	54	49	40	75
53	43	42	46	52	55	86	76	75	60	52	45	42	86
54	43	39	51	53	61	61	73	65	71	57	47	44	73
55	42	46	50	45	52	64	80	73	64	50	45	50	80
56	43	43	45	56	51	70	71	71	69	52	44	45	71
57	49	56	47	51	63	75	74	75	65	55	48	42	75
58	42	48	48	53	57	64	67	66	68	56	45	42	68
59	40	46	46	52	67	78	69	80	65	57	47	41	80
60	45	46	47	44	64	66	76	70	59	58	46	43	76
61	45	41	44	53	65	70	78	71	63	57	48	44	78
62	46	51	49	52	57	73	69	70	62	51	46	44	73
63	54	49	57	60	63	63	70	71	61	58	47	43	71
64	40	42	45	50	72	67	73	69	62	53	47	42	73
65	40	41	55	64	55	58	73	68	71	52	49	46	73
66	40	46	41	54	52	65	80	71	63	57	47	44	80
67	39	41	53	54	68	65	82	69	65	61	50	54	82
68	48	41	49	49	80	77	65	83	64	52	48	49	83
69	44	44	45	51	64	77	75	72	69	56	46	45	77
70	42	50	53	52	61	68	76	72	70	60	54	46	76
71	42	41	47	50	54	71	78	81	65	55	48	44	81
72	41	47	43	47	60	65	74	70	64	51	43	47	74
73	43*	41	48	50	54	61	70	69	59	53	45	41	70*
74	41	41	46	57	66	79	67	74	60	58	47	41	79
75	42	40	43	45	55	67	76	70	60	53	44	40	76
76	40	40	43	57	59	73	80	77	65	58	49	45	80
77	44	43	46	51	62	70	77	72	66	54	41	39	77
78	41	45	46	52	60	70	68	75	65	60	51	48	75
79	47	48	51	57	74	67	79	75	70	60	52	46	79
80	45	44	49	51	59	73	71	78	71	55	47	46	78



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	45	49	51	59	60	76	70	71	67	59	51	45	76
82	46	55	49	56	67	63	76	70	63	58	49	47	76
83	44	43	49	62	61	73	72	78	70	62	48	53	78
84	48	42	49	50	59	70	78	75	65	55	52	56	78
85	48	51	49	46	57	68	73	69	73	57	44	46	73
86	42	52	46	57	65	78	74	68	65	58	54	46	78
87	42	45	49	49	66	60	81	73	67	56	48	45	81
88	47	42	46	49	63	69	69	70	64	55	46	43	70
89	42	45	50	55	59	76	82	75	68	61	49	46	82

GREATEST	54	56	57	64	80	86	82	83	73	62	54	56	86
TOTAL OBS	1267	1157	1271	1230	1271	1230	1271	1271	1230	1271	1230	1271	14970

THE GREATEST VALUE OF 86 OCCURRED ON 06/28/53

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

E - 3 - 1B

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49	3	7	22	11	20	38	41	42	39	30	22	18	3
50	21	12	23	27	31	38	42	40	36	24	19	14	12
51	6	18	14	26	33	39	45	47	33	27	24	14	6
52	9	19	7	18	31	37	40	45	36	29	25	13	7
53	11	7	19	27	32	41	46	46	37	19	21	19	7
54	15	11	15	20	34	38	44	45	37	25	30	5	5
55	15	9	16	21	32	36	41	36	36	25	19	9	9
56	7	8	3	16	33	37	40	44	31	19	10	11	3
57	19	3	17	30	36	43	44	46	34	32	26	3	3
58	9	28	26	30	32	43	45	43	35	21	18	14	9
59	12	22	9	21	34	43	42	46	40	31	25	3	3
60	15	15	12	17	36	39	42	40	33	28	20	24	12
61	21	11	10	23	34	41	42	38	38	24	19	9	9
62	10	12	13	25	33	37	46	45	34	28	15	11	10
63	3	17	12	20	30	35	47	42	39	24	8	24	3
64	14	11	10	21	27	36	44	42	41	24	22	5	5
65	11	11	29	27	26	33	39	40	34	24	20	3	3
66	12	8	-1	13	26	34	37	40	33	14	16	12	-1
67	11	14	14	23	31	38	43	40	34	17	6	0	0
68	-5	0	18	14	30	30	44	41	26	20	17	1	-5
69	5	2	6	28	31	36	49	39	34	23	14	20	2
70	2	8	20	13	31	38	45	38	33	22	17	-1	-1
71	-2	-12	-6	19	27	40	38	39	32	28	0	0	-12
72	3	-4	4	16	22	35	41	40	27	25	18	10	-4
73	-2*	16	5	25	30	31	38	36	28	21	20	6	-2*
74	4	0	6	24	31	35	39	41	39	16	10	2	0
75	-8	-4	3	17	29	35	39	39	35	10	2	0	-8
76	0	7	14	24	32	36	46	45	33	12	24	10	0
77	23	20	6	7	28	36	38	41	31	23	9	7	6
78	20	1	22	24	33	36	43	41	37	28	20	12	1
79	19	12	18	28	33	40	45	45	33	28	14	3	3
80	5	9	18	27	34	40	45	41	38	25	26	4	4

E - 3 - 2A

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	23	13	25	25	34	38	44	39	31	16	15	10	10
82	14	-8	19	20	30	37	39	43	33	25	19	15	-8
83	2	17	26	26	33	37	44	40	28	20	16	23	2
84	6	-2	18	19	28	40	42	40	35	24	15	18	-2
85	22	-1	20	9	29	33	40	42	32	13	7	14	-1
86	18	-6	9	10	28	39	40	38	35	27	13	19	-6
87	6	18	19	18	32	35	44	40	32	21	18	6	6
88	16	7	13	19	29	39	40	39	32	26	10	4	4
89	-16	10	10	26	30	34	42	42	35	24	13	15	-16

LEAST	-16	-12	-6	7	20	30	37	36	26	10	0	-1	-16
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TOTAL OBS	1263	1158	1271	1230	1271	1230	1271	1271	1230	1271	1230	1271	14967
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THE LEAST VALUE OF -16 OCCURRED ON 01/28/89

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49	29	27	34	34	43	51	53	55	50	43	38	30	41
50	35	25	35	36	41	48	52	55	49	40	32	31	40
51	26	32	27	37	42	48	57	55	51	41	37	32	40
52	28	31	31	34	41	48	53	56	49	43	39	30	40
53	29	32	30	38	42	57	56	56	50	39	36	34	42
54	30	26	32	36	43	48	55	55	52	43	39	24	40
55	33	30	33	34	41	47	54	54	49	37	33	29	40
56	26	26	30	35	41	47	52	55	49	38	29	29	38
57	33	31	34	39	45	53	56	58	51	45	41	26	43
58	33	37	37	41	44	49	52	53	50	40	33	34	42
59	32	35	26	37	46	53	53	57	51	44	39	28	42
60	34	35	32	35	45	50	55	54	49	43	35	37	42
61	35	29	28	38	46	53	55	53	51	39	34	26	41
62	30	35	32	38	44	51	54	56	48	41	37	33	42
63	34	34	35	36	44	49	56	56	52	41	30	37	42
64	32	31	30	35	43	50	54	54	51	42	36	27	40
65	31	28	39	41	41	46	52	53	53	38	33	27	40
66	31	29	22	35	40	47	54	53	49	34	34	30	38
67	28	29	34	38	46	49	58	55	49	39	37	30	41
68	28	31	33	37	47	50	55	57	48	38	36	25	40
69	26	31	34	39	43	51	57	56	50	44	33	37	42
70	26	36	38	36	45	52	55	52	53	40	38	26	41
71	20	28	24	35	41	49	52	55	49	41	31	29	38
72	26	28	25	31	42	46	54	54	48	38	33	31	38
73	19*	32	30	38	41	47	51	52	46	38	33	32	39*
74	27	25	32	37	43	50	53	56	51	41	33	28	40
75	26	23	28	33	39	45	51	52	48	40	27	26	37
76	30	28	29	36	44	51	55	56	49	40	39	32	41
77	37	36	32	35	42	49	55	53	50	40	31	27	41
78	36	33	36	40	44	50	53	57	51	44	40	36	43
79	38	27	38	44	46	54	59	57	53	46	39	27	44
80	30	35	37	41	45	53	56	56	52	43	38	29	43

E - 4 - 1A

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	38	34	40	42	48	52	58	56	50	43	37	32	44
82	33	28	36	36	44	49	55	55	50	39	37	37	42
83	31	37	41	42	47	52	57	58	52	43	38	38	45
84	33	26	39	37	44	51	56	58	52	42	34	38	42
85	39	29	36	32	42	46	53	55	51	37	33	37	41
86	34	31	33	34	44	48	54	53	51	44	36	36	42
87	34	36	36	38	45	48	56	57	49	42	34	28	42
88	32	35	35	37	45	52	54	55	49	41	33	31	42
89	22	33	33	40	45	50	57	57	52	41	32	35	42
.....													
MEAN	30.7	30.8	32.8	37.1	43.5	49.7	54.5	55.2	50.2	40.9	35.0	31.0	41.0
.....													
TOTAL OBS	1263	1157	1271	1230	1271	1230	1271	1271	1230	1271	1230	1271	14966
.....													

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

E - 4 - 1B

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	32.2	9.223	894	6	359	0	0	0	894
03-05	32.1	9.445	923	6	375	0	0	0	923
06-08	32.0	9.437	913	6	388	0	0	0	913
09-11	32.2	9.436	916	4	374	0	0	0	916
12-14	34.5	8.338	905	3	261	0	0	0	905
15-17	34.4	8.542	900	3	269	0	0	0	900
18-20	32.8	9.099	914	6	350	0	0	0	914
21-23	32.4	9.251	914	6	370	0	0	0	914
ALL HOURS	32.8	9.144	7279	40	2746	0	0	0	7279

MONTH: FEB

00-02	31.2	9.522	832	5	363	0	0	0	832
03-05	30.9	9.697	836	11	378	0	0	0	836
06-08	30.7	9.627	840	15	387	0	0	0	840
09-11	32.0	9.030	835	9	336	0	0	0	835
12-14	35.3	7.690	828	0	199	0	0	0	828
15-17	35.4	7.954	842	2	198	0	0	0	842
18-20	32.6	8.891	833	4	317	0	0	0	833
21-23	31.5	9.418	839	3	365	0	0	0	839
ALL HOURS	32.5	9.202	6685	49	2543	0	0	0	6685

E - 5 - 1 - 1

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	34.0	5.926	892	0	303	0	0	0	892
03-05	33.7	6.215	918	0	318	0	0	0	918
06-08	33.5	6.339	900	0	341	0	0	0	900
09-11	36.3	5.368	915	0	201	0	0	0	915
12-14	39.2	4.701	904	0	95	0	0	0	904
15-17	39.5	4.693	913	0	79	0	0	0	913
18-20	36.9	5.140	898	0	144	0	0	0	898
21-23	34.9	5.526	911	0	243	0	0	0	911
ALL HOURS	36.0	5.917	7251	0	1724	0	0	0	7251

MONTH: APR

00-02	34.5	5.974	875	0	251	0	0	0	875
03-05	34.0	6.058	893	0	293	0	0	0	893
06-08	34.6	6.169	890	0	259	0	0	0	890
09-11	38.9	5.768	885	0	101	0	0	0	885
12-14	41.3	5.706	885	0	60	0	0	0	885
15-17	41.4	5.616	881	0	51	0	0	0	881
18-20	39.0	5.617	878	0	91	0	0	0	878
21-23	36.2	5.570	889	0	163	0	0	0	889
ALL HOURS	37.5	6.505	7076	0	1269	0	0	0	7076

E - 5 - 1 - 2

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	41.2	4.135	905	0	31	0	0	0	905
03-05	40.5	4.488	914	0	55	0	0	0	914
06-08	42.3	4.409	894	0	22	0	0	0	894
09-11	46.3	4.144	904	0	0	1	0	0	904
12-14	47.9	4.268	900	0	0	4	0	0	900
15-17	47.9	4.244	907	0	0	3	0	0	907
18-20	46.4	3.916	904	0	0	0	0	0	904
21-23	43.4	3.635	920	0	2	0	0	0	920
ALL HOURS	44.5	4.986	7248	0	110	8	0	0	7248

MONTH: JUN

00-02	46.8	3.556	875	0	0	3	0	0	875
03-05	46.1	3.847	888	0	0	0	0	0	888
06-08	48.0	4.209	887	0	0	4	0	0	887
09-11	50.9	5.060	882	0	0	18	0	0	882
12-14	52.5	5.434	880	0	0	33	0	0	880
15-17	52.9	5.752	880	0	0	42	0	0	880
18-20	51.7	5.489	880	0	0	31	0	0	880
21-23	49.1	3.906	877	0	0	4	0	0	877
ALL HOURS	49.8	5.380	7049	0	0	135	0	0	7049



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	51.6	3.540	901	0	0	4	0	0	901
03-05	50.8	3.822	910	0	0	4	0	0	910
06-08	52.7	3.959	907	0	0	7	0	0	907
09-11	56.4	4.913	911	0	0	50	0	0	911
12-14	58.5	5.647	897	0	0	117	3	0	897
15-17	58.7	5.991	911	0	0	137	2	0	911
18-20	57.1	5.357	905	0	0	82	0	0	905
21-23	53.8	3.844	913	0	0	10	0	0	913
ALL HOURS	55.0	5.453	7255	0	0	411	5	0	7255

MONTH: AUG

00-02	51.8	3.725	912	0	0	0	0	0	912
03-05	51.2	3.930	912	0	0	0	0	0	912
06-08	52.3	3.968	906	0	0	2	0	0	906
09-11	57.2	4.335	906	0	0	58	0	0	906
12-14	59.6	4.787	890	0	0	138	0	0	890
15-17	59.7	4.844	913	0	0	144	0	0	913
18-20	57.2	4.323	905	0	0	55	0	0	905
21-23	53.2	3.432	908	0	0	0	0	0	908
ALL HOURS	55.3	5.384	7252	0	0	397	0	0	7252

E - 5 - 1 - 4

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	47.5	4.975	876	0	1	0	0	0	876
03-05	47.0	5.286	888	0	4	0	0	0	888
06-08	47.1	5.289	879	0	3	0	0	0	879
09-11	51.8	4.405	875	0	0	3	0	0	875
12-14	54.7	4.425	866	0	0	27	0	0	866
15-17	54.3	4.360	884	0	0	19	0	0	884
18-20	51.2	4.128	879	0	0	2	0	0	879
21-23	48.4	4.270	882	0	0	0	0	0	882
ALL HOURS	50.2	5.487	7029	0	8	51	0	0	7029

MONTH: OCT

00-02	39.1	6.835	907	0	159	0	0	0	907
03-05	38.7	7.118	916	0	191	0	0	0	916
06-08	38.3	7.199	914	0	198	0	0	0	914
09-11	42.1	6.690	902	0	95	0	0	0	902
12-14	46.0	5.641	894	0	24	0	0	0	894
15-17	45.3	5.777	913	0	35	0	0	0	913
18-20	41.5	6.199	907	0	81	0	0	0	907
21-23	39.8	6.570	913	0	121	0	0	0	913
ALL HOURS	41.4	7.129	7266	0	904	0	0	0	7266

E - 5 - 1 - 5

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	33.9	7.611	867	0	321	0	0	0	867
03-05	33.8	7.605	888	0	340	0	0	0	888
06-08	33.7	7.458	867	0	346	0	0	0	867
09-11	34.9	7.121	882	0	305	0	0	0	882
12-14	38.2	6.228	865	0	150	0	0	0	865
15-17	37.4	6.477	880	0	180	0	0	0	880
18-20	34.8	7.069	869	0	282	0	0	0	869
21-23	34.1	7.427	876	0	327	0	0	0	876
ALL HOURS	35.1	7.269	6994	0	2251	0	0	0	6994

MONTH: DEC

00-02	33.8	8.065	898	0	330	0	0	0	898
03-05	33.4	8.032	915	0	360	0	0	0	915
06-08	33.5	8.048	911	0	344	0	0	0	911
09-11	33.8	7.738	905	0	326	0	0	0	905
12-14	36.0	6.600	900	0	222	0	0	0	900
15-17	35.5	7.034	904	0	242	0	0	0	904
18-20	34.4	7.755	899	0	291	0	0	0	899
21-23	34.1	8.083	912	0	306	0	0	0	912
ALL HOURS	34.3	7.760	7244	0	2421	0	0	0	7244

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	39.9	9.807	10634	11	2118	7	0	0	10634
03-05	39.4	9.783	10801	17	2314	4	0	0	10801
06-08	39.9	10.282	10708	21	2288	13	0	0	10708
09-11	42.8	11.100	10718	13	1738	130	0	0	10718
12-14	45.3	10.618	10614	3	1011	319	3	0	10614
15-17	45.3	10.820	10728	5	1054	345	2	0	10728
18-20	43.1	10.956	10671	10	1556	170	0	0	10671
21-23	41.0	10.134	10754	9	1897	14	0	0	10754
ALL HOURS	42.1	10.684	85628	89	13976	1002	5	0	85628

E - 5 - 1 - 7

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500 STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	30.4	9.312	894	424	0	0	0	0	894
03-05	30.4	9.597	923	446	0	0	0	0	923
06-08	30.3	9.631	913	438	0	0	0	0	913
09-11	30.4	9.572	915	424	0	0	0	0	915
12-14	32.1	8.693	905	358	0	0	0	0	905
15-17	32.1	8.812	899	353	0	0	0	0	899
18-20	30.9	9.261	913	425	0	0	0	0	913
21-23	30.5	9.373	914	434	0	0	0	0	914
ALL HOURS	30.9	9.322	7276	3302	0	0	0	0	7276

MONTH: FEB

00-02	29.4	9.581	832	435	0	0	0	0	832
03-05	29.2	9.783	836	442	0	0	0	0	836
06-08	28.9	9.592	840	460	0	0	0	0	840
09-11	29.9	9.109	834	426	0	0	0	0	834
12-14	32.4	7.945	828	338	0	0	0	0	828
15-17	32.3	8.127	842	338	0	0	0	0	842
18-20	30.3	9.066	833	415	0	0	0	0	833
21-23	29.5	9.462	839	454	0	0	0	0	839
ALL HOURS	30.2	9.162	6684	3303	0	0	0	0	6684

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	32.0	6.475	891	425	0	0	0	0	891
03-05	31.7	6.683	917	421	0	0	0	0	917
06-08	31.4	6.698	900	429	0	0	0	0	900
09-11	33.6	5.776	913	321	0	0	0	0	913
12-14	35.5	5.180	904	210	0	0	0	0	904
15-17	35.7	5.123	913	191	0	0	0	0	913
18-20	34.0	5.747	897	278	0	0	0	0	897
21-23	32.7	6.183	910	378	0	0	0	0	910
ALL HOURS	33.3	6.220	7245	2653	0	0	0	0	7245

MONTH: APR

00-02	32.4	6.189	875	376	0	0	0	0	875
03-05	31.9	6.274	893	405	0	0	0	0	893
06-08	32.3	6.275	870	364	0	0	0	0	890
09-11	35.2	5.711	885	206	0	0	0	0	885
12-14	37.0	5.319	885	138	0	0	0	0	885
15-17	37.1	5.139	881	123	0	0	0	0	881
18-20	35.5	5.399	878	186	0	0	0	0	878
21-23	33.7	5.838	889	287	0	0	0	0	889
ALL HOURS	34.4	6.131	7076	2085	0	0	0	0	7076

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	39.2	4.069	904	69	1	0	0	0	904
03-05	38.7	4.408	914	97	0	0	0	0	914
06-08	40.0	4.044	894	52	0	0	0	0	894
09-11	42.6	3.254	904	6	12	0	0	0	904
12-14	43.7	3.169	899	1	29	0	0	0	899
15-17	43.7	3.202	907	0	29	0	0	0	907
18-20	42.7	3.296	902	2	14	0	0	0	902
21-23	40.9	3.577	920	21	1	0	0	0	920
ALL HOURS	41.4	4.124	7244	248	86	0	0	0	7244

MONTH: JUN

00-02	45.0	3.017	874	0	55	0	0	0	874
03-05	44.5	3.467	888	0	65	0	0	0	888
06-08	45.9	3.043	887	0	101	0	0	0	887
09-11	47.9	3.098	882	0	267	0	0	0	882
12-14	49.0	3.308	880	0	388	0	0	0	880
15-17	49.1	3.395	880	0	392	0	0	0	880
18-20	48.3	3.375	879	0	273	0	0	0	879
21-23	46.6	2.909	876	0	122	0	0	0	876
ALL HOURS	47.0	3.675	7046	0	1663	0	0	0	7046

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	49.8	2.958	901	0	492	0	0	0	901
03-05	49.2	3.097	910	0	427	0	0	0	910
06-08	50.6	2.992	907	0	575	0	0	0	907
09-11	53.1	3.083	911	0	790	0	0	0	911
12-14	54.3	3.287	897	0	827	1	0	0	897
15-17	54.4	3.436	909	0	841	0	0	0	909
18-20	53.4	3.343	905	0	809	0	0	0	905
21-23	51.5	2.920	913	0	671	0	0	0	913
ALL HOURS	52.0	3.683	7253	0	5432	1	0	0	7253

MONTH: AUG

00-02	50.0	3.713	909	0	565	0	0	0	909
03-05	49.4	3.794	912	0	517	0	0	0	912
06-08	50.2	3.797	906	0	577	0	0	0	906
09-11	53.3	3.218	906	0	813	0	0	0	906
12-14	54.8	3.168	887	0	848	0	0	0	887
15-17	54.8	3.224	913	0	873	0	0	0	913
18-20	53.4	3.305	905	0	815	0	0	0	905
21-23	51.0	3.420	908	0	652	0	0	0	908
ALL HOURS	52.1	4.084	7246	0	5660	0	0	0	7246



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	45.4	5.173	876	11	197	0	0	0	876
03-05	45.0	5.430	888	16	176	0	0	0	888
06-08	45.0	5.512	879	18	190	0	0	0	879
09-11	48.1	4.502	875	5	344	0	0	0	875
12-14	49.9	4.133	866	0	508	0	0	0	866
15-17	49.7	4.038	883	0	492	0	0	0	883
18-20	47.9	4.415	879	5	335	0	0	0	879
21-23	46.1	4.672	882	8	214	0	0	0	882
ALL HOURS	47.2	5.146	7028	63	2456	0	0	0	7028

MONTH: OCT

00-02	36.4	7.166	906	274	7	0	0	0	906
03-05	36.2	7.381	916	284	8	0	0	0	916
06-08	35.9	7.419	914	293	6	0	0	0	914
09-11	38.5	6.919	902	171	18	0	0	0	902
12-14	40.9	6.085	894	87	44	0	0	0	894
15-17	40.5	6.229	913	95	32	0	0	0	913
18-20	38.2	6.821	907	173	15	0	0	0	907
21-23	37.0	6.976	913	224	12	0	0	0	913
ALL HOURS	37.9	7.122	7265	1601	142	0	0	0	7265

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500 STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	31.9	7.787	867	399	0	0	0	0	867
03-05	31.8	7.733	888	436	0	0	0	0	888
06-08	31.7	7.625	867	445	0	0	0	0	867
09-11	32.5	7.310	882	425	0	0	0	0	882
12-14	34.8	6.512	865	281	0	0	0	0	865
15-17	34.3	6.762	879	308	0	0	0	0	879
18-20	32.5	7.386	869	401	0	0	0	0	869
21-23	32.0	7.612	876	421	0	0	0	0	876
ALL HOURS	32.7	7.418	6993	3116	0	0	0	0	6993

MONTH: DEC

00-02	31.7	8.091	898	395	0	0	0	0	898
03-05	31.4	8.124	915	432	0	0	0	0	915
06-08	31.5	8.097	911	416	0	0	0	0	911
09-11	31.7	7.770	905	408	0	0	0	0	905
12-14	33.5	6.908	900	317	0	0	0	0	900
15-17	33.1	7.249	904	333	0	0	0	0	904
18-20	32.4	7.933	898	359	0	0	0	0	898
21-23	32.1	8.100	911	377	0	0	0	0	911
ALL HOURS	32.2	7.855	7242	3037	0	0	0	0	7242

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	37.9	9.929	10627	2808	1317	0	0	0	10627
03-05	37.5	9.912	10800	2979	1193	0	0	0	10800
06-08	37.9	10.231	10708	2915	1449	0	0	0	10708
09-11	39.8	10.544	10714	2392	2244	0	0	0	10714
12-14	41.5	9.964	10610	1730	2644	1	0	0	10610
15-17	41.5	10.102	10723	1741	2659	0	0	0	10723
18-20	40.0	10.438	10665	2244	2261	0	0	0	10665
21-23	38.7	10.113	10751	2604	1672	0	0	0	10751
ALL HOURS	39.3	10.267	85598	19413	15439	1	0	0	85598

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	26.2	12.013	894	402	168	894	0	894
03-05	26.3	12.335	923	399	193	923	0	923
06-08	26.2	12.360	913	395	190	913	0	913
09-11	26.3	12.365	915	385	192	915	0	915
12-14	27.2	12.140	905	339	218	905	0	905
15-17	27.2	12.225	899	344	208	899	0	899
18-20	26.6	12.190	913	371	180	913	0	913
21-23	26.3	12.022	914	383	170	914	0	914
ALL HOURS	26.5	12.234	7276	3018	1519	7276	0	7276

MONTH: FEB

00-02	24.9	12.554	832	401	129	832	0	828
03-05	24.9	12.538	836	405	125	836	0	828
06-08	24.6	12.307	840	407	118	840	0	828
09-11	25.0	12.253	834	393	119	834	0	828
12-14	26.2	12.136	828	359	146	828	0	828
15-17	25.9	12.416	842	380	155	842	0	828
18-20	25.1	12.343	833	390	132	833	0	828
21-23	24.7	12.552	839	408	128	839	0	828
ALL HOURS	25.2	12.410	6684	3143	1052	6684	0	6684

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	27.7	9.557	891	371	157	891	0	891
03-05	27.5	9.587	917	384	145	917	0	917
06-08	27.2	9.550	900	392	125	900	0	900
09-11	28.3	9.486	913	356	179	913	0	913
12-14	29.1	9.645	904	321	233	904	0	904
15-17	29.0	9.828	913	321	228	913	0	913
18-20	28.5	9.544	897	333	188	897	0	897
21-23	28.3	9.466	910	360	175	910	0	910
ALL HOURS	28.2	9.625	7245	2838	1430	7245	0	7245

MONTH: APR

00-02	28.2	8.838	875	327	134	875	0	885
03-05	27.9	8.832	893	347	115	893	0	885
06-08	27.9	8.801	890	342	124	890	0	885
09-11	29.1	8.789	885	310	175	885	0	885
12-14	30.2	8.648	885	281	209	885	0	885
15-17	30.5	8.538	881	257	219	881	0	885
18-20	29.8	8.452	878	259	169	878	0	885
21-23	29.1	8.518	889	290	153	889	0	885
ALL HOURS	29.1	8.762	7076	2413	1298	7076	0	7076

E - 5 - 3 - 2

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	36.4	5.564	904	60	483	904	0	904
03-05	36.0	5.790	914	83	462	914	0	914
06-08	36.8	5.593	894	62	534	894	0	894
09-11	38.0	5.519	904	52	619	904	0	904
12-14	38.8	5.415	899	39	630	899	0	899
15-17	38.7	5.603	907	45	637	907	0	907
18-20	38.1	5.743	902	52	616	902	0	902
21-23	37.6	5.536	920	49	579	920	0	920
ALL HOURS	37.6	5.742	7244	442	4560	7244	0	7244

MONTH: JUN

00-02	43.3	3.802	874	0	830	874	0	880
03-05	42.9	4.086	888	0	819	888	0	880
06-08	43.8	3.543	887	0	854	886	0	880
09-11	45.1	3.545	882	0	866	879	0	880
12-14	45.9	3.392	880	0	877	877	0	880
15-17	45.8	3.552	880	0	870	875	0	880
18-20	45.1	3.813	879	0	862	875	0	880
21-23	44.3	3.632	876	0	856	872	0	880
ALL HOURS	44.5	3.874	7046	0	6834	7026	0	7046

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	48.6	3.368	901	0	898	893	0	901
03-05	48.0	3.491	910	0	907	906	0	910
06-08	49.0	3.221	907	0	905	897	0	907
09-11	50.3	3.067	911	0	910	877	0	911
12-14	51.0	3.016	897	0	897	837	0	897
15-17	51.0	3.007	909	0	909	857	0	909
18-20	50.4	3.186	905	0	905	859	0	905
21-23	49.6	3.164	913	0	912	891	0	913
ALL HOURS	49.7	3.407	7253	0	7243	7017	0	7253

MONTH: AUG

00-02	48.5	4.563	909	0	894	895	0	887
03-05	48.0	4.679	912	1	899	907	0	887
06-08	48.4	4.657	906	3	893	898	0	887
09-11	50.0	4.388	906	3	898	859	0	887
12-14	50.9	4.513	887	2	878	788	0	887
15-17	50.8	4.632	913	0	899	809	0	887
18-20	50.3	4.649	905	3	888	834	0	887
21-23	49.2	4.458	908	0	889	882	0	887
ALL HOURS	49.5	4.734	7246	12	7138	6872	0	7246

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	43.3	6.835	876	18	726	872	0	876
03-05	42.9	6.957	888	25	731	883	0	888
06-08	42.8	7.194	879	33	721	875	0	879
09-11	44.4	7.112	875	29	763	863	0	875
12-14	45.0	7.150	866	26	759	848	0	866
15-17	45.2	7.001	883	25	772	869	0	883
18-20	44.6	6.830	879	23	762	872	0	879
21-23	43.8	6.672	882	18	747	880	0	882
ALL HOURS	44.0	7.062	7028	197	5981	6962	0	7028

MONTH: OCT

00-02	32.1	9.830	906	316	324	906	0	894
03-05	32.0	10.000	916	312	326	916	0	894
06-08	31.8	9.974	914	310	327	914	0	894
09-11	33.0	10.031	902	262	378	902	0	894
12-14	33.6	10.137	894	248	408	894	0	894
15-17	33.7	10.207	913	247	418	913	0	894
18-20	33.1	10.010	907	276	375	907	0	894
21-23	32.5	9.819	913	300	347	913	0	894
ALL HOURS	32.7	10.039	7265	2271	2903	7265	0	7265

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	27.7	10.343	867	375	183	867	0	867
03-05	27.5	10.269	888	396	178	888	0	888
06-08	27.3	10.215	867	401	168	867	0	867
09-11	27.8	10.263	882	399	180	882	0	882
12-14	28.7	10.198	865	354	207	865	0	865
15-17	28.6	10.252	879	366	202	879	0	879
18-20	28.0	10.181	869	372	183	869	0	869
21-23	27.6	10.269	876	385	182	876	0	876
ALL HOURS	27.9	10.279	6993	3048	1483	6993	0	6993

MONTH: DEC

00-02	27.5	10.607	898	374	195	898	0	900
03-05	27.2	10.678	915	399	182	915	0	900
06-08	27.4	10.524	911	393	186	911	0	900
09-11	27.5	10.343	905	386	193	905	0	900
12-14	28.6	10.169	900	349	240	900	0	900
15-17	28.4	10.402	904	339	223	904	0	900
18-20	28.3	10.460	898	350	219	898	0	900
21-23	27.9	10.593	911	377	226	911	0	900
ALL HOURS	27.9	10.499	7242	2967	1664	7242	0	7242

E - 5 - 3 - 6

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL		
				LE 27	GE 37	LE 55	GE 65	HOURS
00-02	34.6	12.286	10627	2644	5121	10601	0	10627
03-05	34.3	12.251	10800	2751	5082	10786	0	10800
06-08	34.5	12.439	10708	2738	5145	10685	0	10708
09-11	35.4	12.698	10714	2575	5472	10618	0	10714
12-14	36.3	12.569	10610	2318	5702	10430	0	10610
15-17	36.3	12.660	10723	2324	5740	10548	0	10723
18-20	35.7	12.605	10665	2429	5479	10537	0	10665
21-23	35.1	12.414	10751	2570	5364	10697	0	10751
ALL HOURS	35.3	12.513	85598	20349	43105	84902	0	85598

E - 5 - 3 - 7

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.3	98.3	93.3	84.6	72.6	54.3	29.8	78.1	894
03-05	100.0	99.7	99.7	97.7	93.7	84.7	74.0	55.0	30.1	78.6	923
06-08	100.0	99.9	99.5	98.2	93.4	84.7	73.8	58.8	30.2	78.8	913
09-11	100.0	100.0	99.9	97.4	92.7	83.6	73.4	59.1	29.4	78.5	915
12-14	100.0	100.0	99.6	95.5	86.1	76.0	66.6	49.8	24.6	74.9	905
15-17	100.0	100.0	99.1	95.9	88.4	77.1	66.4	50.4	22.4	75.0	899
18-20	100.0	100.0	99.6	98.2	92.2	83.1	70.6	54.5	26.1	77.5	913
21-23	100.0	100.0	99.5	98.2	93.5	83.8	72.4	53.6	25.4	77.7	914
ALL HOURS	100.0	99.9	99.5	97.4	91.7	82.2	71.3	54.5	27.3	77.4	7276

MONTH: FEB

00-02	100.0	100.0	99.5	96.8	89.8	81.3	70.8	53.6	27.9	77.2	832
03-05	100.0	100.0	99.5	96.7	91.4	83.1	72.6	56.1	28.0	78.0	836
06-08	100.0	100.0	99.9	97.1	91.5	81.4	71.4	56.9	28.7	77.7	840
09-11	100.0	100.0	99.0	95.1	87.8	77.7	67.6	51.3	24.7	75.4	834
12-14	100.0	100.0	96.4	88.9	79.3	69.6	56.5	42.4	19.4	70.2	828
15-17	100.0	100.0	96.4	87.6	76.8	68.6	54.5	41.2	19.1	69.5	842
18-20	100.0	99.9	99.0	95.9	86.3	73.8	60.9	46.6	23.8	73.7	833
21-23	100.0	100.0	99.2	96.2	89.0	79.6	66.3	50.9	26.1	75.7	839
ALL HOURS	100.0	100.0	98.6	94.3	86.5	76.9	65.1	49.9	24.7	74.7	6684

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	98.0	92.1	83.3	69.6	53.2	29.5	77.6	891
03-05	100.0	100.0	99.8	97.7	91.9	84.1	69.9	54.0	29.0	77.8	917
06-08	100.0	100.0	99.6	98.1	92.6	82.6	70.4	53.7	28.1	77.4	900
09-11	100.0	100.0	98.7	94.5	84.2	73.6	60.9	45.2	24.6	73.3	913
12-14	100.0	99.9	97.0	87.7	75.2	64.0	53.1	39.8	16.7	68.4	904
15-17	100.0	99.9	96.2	85.7	73.7	63.5	52.8	38.9	18.1	67.8	913
18-20	100.0	100.0	99.8	94.1	81.5	71.2	58.0	42.6	22.7	72.2	897
21-23	100.0	100.0	100.0	97.4	90.5	79.9	66.9	51.1	28.0	76.6	910
ALL HOURS	100.0	100.0	98.9	94.1	85.2	75.3	62.7	47.3	24.6	73.9	7245

MONTH: APR

00-02	100.0	100.0	100.0	99.4	92.7	81.7	70.9	53.6	26.3	77.4	875
03-05	100.0	100.0	100.0	99.3	94.1	83.3	72.1	54.4	28.4	78.0	893
06-08	100.0	100.0	99.9	99.2	93.1	81.0	67.4	50.7	24.4	76.5	890
09-11	100.0	100.0	99.8	92.9	80.0	64.1	52.2	34.2	12.5	68.6	885
12-14	100.0	100.0	98.5	87.8	73.2	62.7	48.8	28.5	9.9	65.9	885
15-17	100.0	100.0	98.2	87.4	74.5	66.4	52.2	31.8	14.0	67.0	881
18-20	100.0	100.0	99.5	93.6	81.1	71.2	57.5	39.3	14.1	70.5	878
21-23	100.0	100.0	100.0	98.3	91.3	79.1	67.5	48.4	18.7	75.5	889
ALL HOURS	100.0	100.0	99.5	94.8	85.0	73.7	61.1	42.6	18.6	72.4	7076

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.8	98.3	93.1	86.5	68.9	36.9	83.7	904
03-05	100.0	100.0	100.0	99.8	97.9	93.5	87.0	71.8	42.3	84.6	914
06-08	100.0	100.0	100.0	99.7	96.4	90.4	80.6	64.4	35.6	81.9	894
09-11	100.0	100.0	99.7	97.8	90.6	80.4	67.0	44.6	20.0	74.6	904
12-14	100.0	100.0	99.4	95.8	88.5	77.0	58.6	39.7	19.2	72.6	899
15-17	100.0	100.0	99.4	95.6	88.4	77.7	58.3	38.7	19.0	72.4	907
18-20	100.0	100.0	99.7	97.3	89.8	81.0	65.2	44.7	20.5	74.6	902
21-23	100.0	100.0	100.0	99.0	97.5	90.2	81.1	60.0	27.1	80.6	920
ALL HOURS	100.0	100.0	99.8	98.1	93.5	85.5	73.1	54.1	27.6	78.2	7244

MONTH: JUN

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	99.7	99.0	97.7	94.1	84.7	53.5	88.1	874
03-05	100.0	100.0	100.0	99.9	99.2	98.2	94.6	85.8	59.7	89.5	888
06-08	100.0	100.0	100.0	99.7	98.0	94.3	88.7	78.4	51.5	86.4	887
09-11	100.0	100.0	100.0	98.3	95.4	92.0	82.0	64.1	38.8	82.0	882
12-14	100.0	100.0	100.0	98.6	95.6	89.7	74.5	57.6	32.7	79.9	880
15-17	100.0	100.0	99.8	98.2	94.8	87.3	73.0	56.9	29.8	78.8	880
18-20	100.0	100.0	99.9	97.8	94.2	87.5	75.5	60.5	32.2	79.9	879
21-23	100.0	100.0	100.0	99.9	98.3	94.4	86.3	70.5	43.0	84.4	876
ALL HOURS	100.0	100.0	100.0	99.0	96.8	92.6	83.6	69.8	42.7	83.6	7046

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL

HOURS	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	98.6	95.6	89.8	64.0	90.0	901
03-05	100.0	100.0	100.0	100.0	99.9	97.9	95.7	88.9	69.3	90.8	910
06-08	100.0	100.0	100.0	100.0	99.1	97.0	91.3	82.9	54.8	87.9	51
09-11	100.0	100.0	100.0	99.8	97.5	92.5	82.5	64.2	28.5	81.2	911
12-14	100.0	100.0	100.0	98.8	96.1	88.4	76.3	50.9	21.0	77.7	897
15-17	100.0	100.0	100.0	99.1	95.7	87.1	72.7	51.6	19.6	77.2	909
18-20	100.0	100.0	100.0	99.8	97.1	89.4	75.8	58.6	26.2	79.5	905
21-23	100.0	100.0	100.0	100.0	99.8	96.9	91.7	79.0	46.8	86.3	913
ALL HOURS	100.0	100.0	100.0	99.7	98.2	93.5	85.2	70.8	41.3	83.8	7253

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	99.6	98.5	93.9	86.1	58.1	88.9	909
03-05	100.0	100.0	100.0	100.0	99.7	98.4	94.8	86.4	61.5	89.6	912
06-08	100.0	100.0	100.0	99.9	99.7	97.6	91.6	78.7	54.6	87.5	906
09-11	100.0	100.0	100.0	99.7	97.2	87.0	73.0	53.1	26.4	78.3	906
12-14	100.0	100.0	100.0	98.5	92.8	82.1	65.4	43.0	19.4	74.6	887
15-17	100.0	100.0	100.0	98.5	91.9	82.8	63.3	43.6	18.2	74.4	913
18-20	100.0	100.0	99.8	99.2	96.9	90.9	74.6	55.9	27.4	79.1	905
21-23	100.0	100.0	100.0	100.0	99.6	98.0	90.9	77.6	49.0	86.6	908
ALL HOURS	100.0	100.0	100.0	99.5	97.2	91.9	81.0	65.6	39.4	82.4	7246

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	99.5	98.9	94.3	88.1	77.1	51.6	86.1	876
03-05	100.0	100.0	100.0	99.7	99.0	95.3	88.5	76.7	51.0	86.2	888
06-08	100.0	100.0	100.0	99.4	98.6	93.5	87.4	77.4	50.3	85.9	879
09-11	100.0	100.0	99.7	98.3	92.7	81.6	70.6	57.6	28.0	77.6	875
12-14	100.0	100.0	99.7	95.6	84.3	73.6	60.3	43.4	16.7	72.1	866
15-17	100.0	100.0	99.5	95.4	85.5	76.7	62.1	46.0	20.5	73.3	883
18-20	100.0	100.0	100.0	98.6	94.2	86.7	77.1	63.4	31.3	79.7	879
21-23	100.0	100.0	100.0	99.4	98.1	93.2	85.9	76.6	44.7	84.8	882
ALL HOURS	100.0	100.0	99.9	98.2	93.9	86.9	77.5	64.8	36.8	80.7	7028

MONTH: OCT

00-02	100.0	100.0	100.0	98.5	90.9	78.3	65.1	52.6	31.7	76.4	906
03-05	100.0	100.0	100.0	98.9	90.5	79.7	66.6	53.5	33.7	77.1	916
06-08	100.0	100.0	100.0	98.9	90.6	79.8	69.9	55.3	32.2	77.6	914
09-11	100.0	100.0	99.6	95.0	81.8	69.8	57.2	42.7	22.2	71.4	902
12-14	100.0	100.0	97.9	86.0	68.6	53.6	40.8	28.7	13.2	63.6	894
15-17	100.0	100.0	98.6	89.5	73.5	56.6	44.2	30.3	14.8	65.3	913
18-20	100.0	100.0	99.8	97.9	86.8	71.0	58.7	44.2	21.3	72.7	907
21-23	100.0	100.0	100.0	98.9	89.0	75.1	65.3	51.8	28.4	75.5	913
ALL HOURS	100.0	100.0	99.5	95.5	84.0	70.5	58.5	44.9	24.7	72.5	7265

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.7	98.4	91.8	83.2	72.0	55.6	28.0	77.9	867
03-05	100.0	100.0	99.3	97.7	92.6	82.8	72.5	53.6	26.7	77.3	888
06-08	100.0	100.0	99.4	97.1	90.8	82.5	70.9	53.7	26.4	77.2	867
09-11	100.0	100.0	99.2	97.3	89.7	76.1	65.4	51.1	24.4	75.2	882
12-14	100.0	99.7	98.4	91.8	79.7	68.0	54.9	39.5	17.0	69.6	865
15-17	100.0	100.0	98.9	94.1	82.6	69.7	56.4	41.4	17.5	70.9	879
18-20	100.0	100.0	99.9	98.6	91.9	79.9	66.2	48.7	24.4	75.8	869
21-23	100.0	100.0	100.0	98.2	91.7	82.9	70.1	53.0	24.9	76.8	876
ALL HOURS	100.0	100.0	99.3	96.7	88.8	78.1	66.1	49.6	23.7	75.1	6993

MONTH: DEC

00-02	100.0	100.0	99.7	97.8	92.3	83.7	72.3	54.5	26.3	77.5	898
03-05	100.0	100.0	100.0	97.7	92.3	83.1	71.5	55.7	27.0	77.7	915
06-08	100.0	100.0	99.7	98.5	93.4	84.2	72.1	55.3	27.6	78.0	911
09-11	100.0	100.0	99.3	98.0	91.7	82.9	70.3	55.4	25.6	77.4	905
12-14	100.0	100.0	99.4	95.9	87.8	76.2	64.9	48.8	22.6	74.9	900
15-17	100.0	100.0	99.7	96.7	88.1	78.5	67.9	52.4	22.9	75.7	904
18-20	100.0	100.0	99.7	98.3	92.4	85.0	73.5	56.9	23.9	78.2	898
21-23	100.0	100.0	99.8	98.5	92.8	83.3	72.3	53.6	26.5	77.9	911
ALL HOURS	100.0	100.0	99.7	97.7	91.4	82.1	70.6	54.1	25.3	77.2	7242



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.8	98.9	94.9	88.2	79.3	65.4	38.7	81.6	10627
03-05	100.0	100.0	99.9	98.8	95.2	88.7	80.0	66.0	40.6	82.1	10800
06-08	100.0	100.0	99.8	98.8	94.8	87.4	78.0	63.9	37.1	81.1	10708
09-11	100.0	100.0	99.6	97.0	90.1	80.1	68.5	51.9	25.4	76.1	10714
12-14	100.0	100.0	98.9	93.4	84.0	73.4	60.1	42.7	19.4	72.0	10610
15-17	100.0	100.0	98.8	93.7	84.5	74.4	60.3	43.6	19.6	72.3	10723
18-20	100.0	100.0	99.7	97.5	90.4	80.9	67.8	51.3	24.5	76.1	10665
21-23	100.0	100.0	99.9	98.7	94.3	86.4	76.4	60.5	32.4	79.9	10751
ALL HOURS	100.0	100.0	99.5	97.1	91.0	82.5	71.3	55.7	29.7	77.7	85598

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRRR	TTTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRRR	TT	FFFFFFF
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	FFFFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

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PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	999.0	1004.5	1003.5	1006.1	1010.4	1012.0	1015.8	1013.6	1009.2	1003.7	999.4	1002.2	1006.7
	SD	15.608	17.292	10.914	11.437	8.104	8.756	6.149	7.528	9.923	11.981	13.475	16.193	13.042
	TOT OBS	297	281	292	290	303	293	301	303	295	305	291	300	3551
0300	MEAN	998.9	1004.4	1003.5	1005.9	1010.2	1011.6	1015.6	1013.4	1009.0	1003.7	999.0	1002.2	1006.4
	SD	15.730	17.338	10.838	11.413	8.144	8.696	6.124	7.526	9.880	11.985	13.809	16.227	13.069
	TOT OBS	310	283	307	300	309	298	307	308	300	309	299	308	3638
0600	MEAN	998.7	1004.2	1003.3	1005.8	1010.2	1011.4	1015.6	1013.3	1008.6	1003.4	998.9	1001.8	1006.3
	SD	15.529	17.356	10.864	11.354	8.036	8.706	5.990	7.690	9.953	11.827	13.947	16.054	13.071
	TOT OBS	306	281	302	298	295	292	302	299	295	303	291	302	3566
0900	MEAN	998.9	1004.3	1003.4	1005.9	1010.1	1011.7	1015.6	1013.4	1008.8	1003.5	999.0	1001.9	1006.4
	SD	15.645	17.266	10.789	11.459	8.189	8.710	6.169	7.667	10.014	11.775	13.869	15.972	13.058
	TOT OBS	309	283	308	297	309	300	309	306	297	309	300	309	3636
1200	MEAN	999.2	1005.1	1003.5	1006.1	1010.4	1011.9	1015.7	1013.5	1009.1	1004.2	999.4	1002.3	1006.7
	SD	15.611	17.330	10.741	11.443	8.119	8.635	6.163	7.685	10.121	11.580	14.071	16.192	13.029
	TOT OBS	303	276	302	295	305	294	301	300	290	303	288	303	3560
1500	MEAN	998.9	1004.5	1003.2	1006.1	1010.3	1011.9	1015.8	1013.3	1008.8	1003.5	998.8	1001.7	1006.4
	SD	15.822	17.064	10.545	11.387	8.015	8.580	6.113	7.550	10.070	11.526	14.006	16.081	13.038
	TOT OBS	306	283	307	295	308	298	308	308	296	306	296	305	3616
1800	MEAN	998.8	1004.7	1002.8	1005.8	1010.1	1011.6	1015.5	1013.1	1008.6	1003.3	999.1	1001.6	1006.3
	SD	15.949	16.937	10.538	11.574	7.808	8.565	6.100	7.568	10.127	11.529	13.814	15.823	12.959
	TOT OBS	301	276	301	294	300	291	302	303	295	303	291	299	3556
2100	MEAN	998.7	1004.6	1003.2	1006.0	1010.2	1011.7	1015.6	1013.2	1008.9	1003.5	999.0	1002.0	1006.4
	SD	15.978	16.983	10.438	11.590	7.893	8.549	6.039	7.500	10.116	11.680	14.035	16.277	13.043
	TOT OBS	309	283	308	300	310	298	308	308	300	308	298	308	3638
ALL HOURS	MEAN	998.9	1004.5	1003.3	1006.0	1010.2	1011.7	1015.6	1013.3	1008.9	1003.6	999.1	1002.0	1006.4
	SD	15.736	17.198	10.711	11.458	8.041	8.652	6.107	7.591	10.028	11.740	13.881	16.105	13.040
	TOT OBS	2441	2246	2427	2369	2439	2364	2438	2435	2368	2446	2354	2434	28761

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.49	29.65	29.62	29.70	29.83	29.87	29.98	29.92	29.79	29.63	29.50	29.58	29.71
	SD	.460	.511	.322	.336	.238	.258	.181	.222	.290	.353	.394	.478	.384
	TOT OBS	297	281	292	290	303	293	301	303	295	305	291	300	3551
0300	MEAN	29.48	29.65	29.62	29.69	29.82	29.86	29.98	29.91	29.79	29.63	29.49	29.58	29.71
	SD	.464	.512	.320	.336	.240	.256	.179	.222	.290	.353	.404	.478	.385
	TOT OBS	310	283	307	300	309	298	307	308	300	309	299	308	3638
0600	MEAN	29.48	29.64	29.62	29.69	29.82	29.86	29.98	29.91	29.77	29.62	29.48	29.57	29.70
	SD	.458	.513	.321	.334	.236	.257	.177	.227	.291	.348	.408	.473	.385
	TOT OBS	306	281	302	298	295	292	302	299	295	303	291	302	3566
0900	MEAN	29.48	29.64	29.62	29.69	29.82	29.87	29.98	29.91	29.78	29.62	29.49	29.57	29.71
	SD	.461	.510	.318	.337	.241	.257	.182	.226	.293	.347	.406	.471	.385
	TOT OBS	309	283	308	297	309	300	309	306	297	309	300	309	3636
1200	MEAN	29.49	29.67	29.62	29.70	29.82	29.87	29.98	29.92	29.79	29.64	29.50	29.59	29.72
	SD	.460	.512	.318	.337	.239	.255	.181	.227	.297	.340	.412	.478	.384
	TOT OBS	303	276	302	295	305	295	301	300	290	303	288	303	3561
1500	MEAN	29.49	29.65	29.61	29.70	29.82	29.87	29.98	29.91	29.78	29.62	29.48	29.57	29.71
	SD	.467	.504	.312	.335	.236	.253	.179	.223	.295	.339	.409	.474	.384
	TOT OBS	306	283	307	295	308	298	308	308	296	306	297	305	3617
1800	MEAN	29.48	29.66	29.60	29.69	29.82	29.86	29.98	29.91	29.77	29.62	29.49	29.56	29.70
	SD	.470	.500	.311	.340	.229	.253	.179	.223	.296	.339	.405	.466	.382
	TOT OBS	301	276	301	294	300	291	302	304	295	303	291	299	3557
2100	MEAN	29.48	29.65	29.61	29.70	29.82	29.86	29.98	29.91	29.78	29.62	29.49	29.58	29.71
	SD	.471	.502	.309	.341	.233	.252	.177	.221	.296	.344	.411	.480	.384
	TOT OBS	309	283	308	300	310	299	308	308	300	308	298	308	3639
ALL HOURS	MEAN	29.48	29.65	29.61	29.69	29.82	29.86	29.98	29.91	29.78	29.62	29.49	29.58	29.71
	SD	.464	.508	.317	.337	.236	.255	.179	.224	.294	.346	.406	.475	.384
	TOT OBS	2441	2246	2427	2369	2439	2366	2438	2436	2368	2446	2355	2434	28765

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.37	29.53	29.50	29.58	29.71	29.75	29.86	29.80	29.67	29.51	29.38	29.46	29.59
	SD	.458	.509	.320	.335	.238	.257	.181	.221	.292	.351	.398	.475	.384
	TOT OBS	297	281	292	291	302	293	303	302	294	308	288	300	3551
0300	MEAN	29.36	29.53	29.50	29.57	29.70	29.74	29.86	29.79	29.66	29.51	29.37	29.46	29.59
	SD	.462	.510	.318	.336	.239	.256	.180	.222	.291	.352	.407	.477	.385
	TOT OBS	310	283	307	300	309	298	308	307	300	309	299	308	3638
0600	MEAN	29.36	29.52	29.50	29.57	29.70	29.74	29.86	29.79	29.65	29.50	29.37	29.45	29.58
	SD	.456	.511	.319	.332	.235	.255	.176	.226	.293	.347	.410	.471	.384
	TOT OBS	306	281	302	298	295	292	302	299	295	303	291	302	3566
0900	MEAN	29.36	29.52	29.50	29.57	29.70	29.74	29.86	29.80	29.66	29.50	29.37	29.45	29.59
	SD	.460	.508	.317	.337	.241	.256	.182	.226	.295	.346	.408	.469	.384
	TOT OBS	309	283	308	297	309	300	309	306	297	309	300	309	3636
1200	MEAN	29.37	29.55	29.50	29.58	29.70	29.75	29.86	29.80	29.67	29.52	29.38	29.47	29.60
	SD	.458	.510	.316	.335	.238	.254	.181	.226	.298	.340	.414	.475	.383
	TOT OBS	303	276	302	295	305	295	301	300	290	303	288	303	3561
1500	MEAN	29.37	29.53	29.49	29.58	29.70	29.75	29.86	29.79	29.66	29.50	29.37	29.45	29.59
	SD	.465	.502	.310	.334	.236	.252	.180	.222	.296	.339	.411	.472	.384
	TOT OBS	306	283	307	295	308	298	308	308	296	306	297	305	3617
1800	MEAN	29.36	29.54	29.48	29.57	29.70	29.74	29.86	29.79	29.65	29.50	29.37	29.44	29.58
	SD	.469	.498	.310	.339	.229	.251	.179	.222	.298	.338	.406	.464	.381
	TOT OBS	301	276	301	294	300	291	302	304	295	303	291	299	3557
2100	MEAN	29.36	29.53	29.49	29.58	29.70	29.74	29.86	29.79	29.66	29.50	29.37	29.46	29.59
	SD	.469	.500	.307	.341	.232	.252	.177	.221	.297	.344	.413	.479	.384
	TOT OBS	309	283	308	300	310	299	308	308	300	308	298	308	3639
ALL HOURS	MEAN	29.36	29.53	29.50	29.57	29.70	29.74	29.86	29.79	29.66	29.50	29.37	29.46	29.59
	SD	.462	.506	.315	.336	.236	.254	.179	.223	.295	.345	.408	.473	.384
	TOT OBS	2441	2246	2427	2370	2438	2366	2441	2434	2367	2449	2352	2434	28765



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	GG GGG
PP	AAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGG
PP	AA AA	RR RR	TT	GGGGG

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PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	8.6	2.0	.4	895	8.3	1.8	.3	924	8.3	1.5	.5	912	7.5	.4	.1	916
CATEGORY B	12.6	5.4	1.2	945	12.0	4.8	1.7	996	11.5	4.6	2.0	997	12.6	4.6	1.7	1002

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	7.3	1.4	.6	904	7.7	2.8	1.1	899	9.9	2.4	.4	913	9.0	2.9	.7	916
CATEGORY B	11.8	5.3	1.7	983	12.3	7.1	3.7	986	14.8	7.3	3.4	973	14.2	6.9	2.3	992

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	8.1	1.7	.6	4544	8.3	1.9	.5	7279
CATEGORY B	12.6	5.8	2.5	4941	12.7	5.7	2.2	7874

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: FEB

.....  
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

.....  
CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)  
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	7.5	1.9	.6	832	7.1	1.4	.4	836	7.7	1.2	.2	841	6.2	1.2	.2	836
CATEGORY B	9.3	3.6	1.8	880	10.4	3.6	1.5	892	10.1	2.7	1.3	923	8.4	3.5	1.1	930

.....

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	7.0	2.1	.4	828	8.5	1.4	.2	843	6.8	1.6	.1	833	7.6	2.5	.4	840
CATEGORY B	10.4	5.3	.8	906	11.0	5.0	1.8	905	9.4	3.6	1.0	901	10.4	3.8	1.3	903

.....

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	7.3	1.5	.2	4181	7.3	1.7	.3	6689
CATEGORY B	9.9	4.0	1.2	4565	9.9	3.9	1.3	7240

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	5.5	.8	.1	892	5.9	1.1	.4	918	5.2	1.9	.3	897	5.8	1.4	.3	914
CATEGORY B	6.6	2.1	.4	935	7.5	3.1	1.0	958	7.0	3.2	.9	995	9.4	3.9	1.4	994

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	5.2	1.2	.2	902	5.9	.8		911	6.2	1.3	.1	898	5.7	1.4		911
CATEGORY B	8.3	2.8	.8	972	9.1	3.2	.9	985	8.3	2.8	1.4	959	7.7	2.9	.2	970

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	5.7	1.3	.2	4522	5.7	1.2	.2	7243
CATEGORY B	8.4	3.2	1.1	4905	8.0	3.0	.9	7768

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 703500 STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	6.5	.5	.1	874	6.0	1.2	.1	893	5.0	1.2	.2	888	6.6	1.8	.7	884
CATEGORY B	9.0	2.9	.6	931	8.1	3.2	.9	954	7.3	3.0	1.1	986	8.8	3.7	1.6	957

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	6.8	1.2	.1	885	7.8	1.4	.1	882	6.3	.5		879	6.0	.7		888
CATEGORY B	9.9	4.7	1.3	954	10.6	4.2	1.9	946	9.8	2.3	.3	938	8.0	2.7	.9	927

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	6.5	1.2	.2	4418	6.4	1.1	.2	7073
CATEGORY B	9.2	3.6	1.2	4781	8.9	3.4	1.1	7593

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.7	.8	.1	905	1.6	.4		917	1.8	.2		897	3.0	.8		905
CATEGORY B	2.5	1.5	.8	964	2.7	1.5	1.1	977	2.6	1.1	.8	983	3.9	1.9	.7	979

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	2.8	.7	.1	902	2.4	.1		910	2.9	.3		903	1.5	.5		919
CATEGORY B	4.0	1.4	.5	967	3.8	.9	.4	964	4.5	1.5	.6	960	2.6	1.3	.3	975

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	2.6	.4	.0	4517	2.2	.5	.0	7258
CATEGORY B	3.8	1.4	.6	4853	3.3	1.4	.7	7769

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 703500 STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	2.9	.6		875	2.8	.7	.1	888	2.5	.5		887	2.7	.6	.1	881
CATEGORY B	3.6	.8	.2	925	3.6	1.1	.3	968	3.1	.8		974	3.4	1.0	.1	970

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	3.2	.6	.2	879	3.1	.9	.1	879	2.0	.6	.2	880	2.8	.3	.1	880
CATEGORY B	4.8	1.3	.4	986	4.5	1.9	.7	939	3.2	.9	.5	951	3.9	.4	.1	950

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	2.7	.6	.1	4406	2.8	.6	.1	7049
CATEGORY B	3.8	1.2	.4	4820	3.7	1.0	.3	7663

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.1			900	.4	.3	.1	911	.4	.1		907	.2			912
CATEGORY B	1.5	.4	.1	935	.7	.3	.3	978	.8	.3	.1	977	.6	.1		975

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.8			899	.4			911	1.4			905	1.2	.3		914
CATEGORY B	1.2	.1		956	.8	.1		965	2.0	.1		949	1.7	.7	.2	967

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.7	.0		4534	.8	.1	.0	7259
CATEGORY B	1.1	.1	.0	4822	1.2	.3	.1	7702



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 703500 STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.4	.5		911	1.0	.2		912	1.5	.7	.2	906	1.9	.8	.1	905
CATEGORY B	2.4	1.0		962	1.4	.6		987	2.2	1.3	.4	1022	2.7	1.2	.4	991

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.2	.3		889	1.4	.2	.1	914	.6			905	1.0	.1		906
CATEGORY B	2.5	.8	.5	976	3.4	1.1	.4	965	1.4	.5	.2	972	2.1	.5	.1	958

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.3	.4	.1	4519	1.3	.4	.1	7248
CATEGORY B	2.4	1.0	.4	4926	2.3	.9	.3	7833

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	3.3	.6	.2	875	2.3	.3	.1	888	2.3	.3	.1	880	2.9	1.0	.3	877
CATEGORY B	4.8	1.4	.8	918	3.8	.7	.4	919	4.3	1.0	.3	939	5.6	2.4	1.2	924

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	4.0	.8	.3	867	3.5	1.0	.1	883	2.7	.6	.3	880	3.6	.3		881
CATEGORY B	7.1	2.8	1.0	929	6.5	2.6	1.0	912	4.9	2.0	.7	943	5.2	2.3	1.0	924

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	3.1	.8	.3	4387	3.1	.6	.2	7031
CATEGORY B	5.7	2.2	.8	4647	5.3	1.9	.8	7408

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	5.7	1.2	.2	907	6.4	.9	.1	915	5.6	1.1	.2	914	5.1	1.2	.3	901
CATEGORY B	8.2	3.8	1.5	939	10.4	2.9	1.2	941	8.3	3.4	.8	966	8.8	2.9	.6	959

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	7.3	1.9		894	6.0	1.2	.2	914	5.4	1.2	.3	907	5.5	1.4	.3	913
CATEGORY B	11.7	5.2	1.6	955	10.3	3.7	1.0	956	9.0	3.9	1.4	942	8.9	4.2	1.3	954

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	5.9	1.3	.2	4530	5.9	1.3	.2	7265
CATEGORY B	9.6	3.8	1.1	4778	9.4	3.8	1.2	7612

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	4.7	.9	.3	864	6.1	1.0	.1	888	5.7	1.2		867	5.2	1.2		882
CATEGORY B	8.1	3.4	1.6	903	9.5	3.6	1.2	916	8.5	4.2	1.9	927	9.0	3.7	1.4	949

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	6.4	1.0		864	5.6	1.1		878	4.9	1.0	.1	870	4.5	.7	.2	874
CATEGORY B	9.5	3.7	1.1	937	8.5	4.3	1.7	941	8.7	3.1	1.2	924	6.8	2.9	1.2	921

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	5.5	1.1	.0	4361	5.4	1.0	.1	6987
CATEGORY B	8.8	3.8	1.5	4678	8.6	3.6	1.4	7418

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: DEC

.....  
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

.....  
CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	5.4	1.4	.2	897	6.7	2.0	.2	916	6.7	1.4	.5	911	6.1	.8	.2	905
CATEGORY B	8.4	3.8	1.4	932	9.2	3.7	1.1	967	10.2	4.6	1.6	971	9.3	3.3	.9	980

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	6.5	1.1	.4	897	6.0	1.2	.3	904	5.2	1.3	.3	899	4.5	1.5	.4	911
CATEGORY B	9.2	3.5	1.2	995	9.8	3.9	1.3	974	9.3	4.1	1.7	962	7.2	2.7	.7	967

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	6.1	1.2	.4	4516	5.9	1.4	.3	7240
CATEGORY B	9.5	3.9	1.4	4882	9.1	3.7	1.3	7748

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89  
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	4.5	.9	.2	10627	4.5	1.0	.2	10806	4.4	.9	.2	10707	4.4	.9	.2	10718
CATEGORY B	6.4	2.5	.9	11169	6.6	2.4	.9	11453	6.3	2.5	.9	11660	6.9	2.7	.9	11610

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	4.9	1.0	.2	10610	4.8	1.0	.2	10728	4.5	.9	.2	10672	4.4	1.1	.2	10753
CATEGORY B	7.5	3.1	.9	11516	7.5	3.2	1.2	11438	7.1	2.7	1.0	11374	6.6	2.6	.8	11408

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	4.6	1.0	.2	53435	4.6	1.0	.2	85621
CATEGORY B	7.1	2.8	1.0	57598	6.9	2.7	1.0	91628



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHHH	
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHHH	
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

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## PART H

### DEGREE DAY SUMMARIES

#### DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (\*\*\*\*) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

#### HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

#### COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

\*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 703500

STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1980	****	864	****	****	****	****	****	****	****	****	****	****	864
1981	****	****	****	****	****	****	****	****	****	664	****	****	664
1983	****	769	****	****	562	****	****	****	****	****	****	****	1331
1984	985	1125	801	835	647	412	284	231	403	716	909	834	8182
1985	787	1000	902	979	714	548	389	319	408	867	947	861	8721
1986	964	951	987	913	660	512	330	367	426	630	841	884	8465
1987	943	793	903	795	622	511	285	258	485	709	942	1123	8369
1988	995	873	925	828	617	398	336	302	483	727	951	1059	8494
1989	1322	882	969	762	619	442	240	243	388	728	971	805	8371
MEAN	999	907	914	852	634	470	310	286	432	720	926	927	
SD	175.41	115.75	65.59	80.08	46.70	61.42	51.99	52.08	41.95	74.27	46.60	130.82	

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 703500 STATION NAME: KODIAK AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1984							3	2					5
1986							3						3
1987							9						9
1989						1	2	1					4
MEAN						0	2	0					
SD						.41	3.31	.84					

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A W S CLIMATIC BRIEF  SEP 90	STATION NAME: KODIAK AK LATITUDE/LONGITUDE: 57 45 N 152 30 W HOURLY OBS FOR: JAN 80 - DEC 89 SUMMARY OF DAY FOR: JAN 49 - DEC 89 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +09												FIELD ELEV: 73 FT STATION MSC: 703500 CALL SIGN: ADQ/PADQ  SUPERSEDES: NONE		
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	EXTRM MAX TEMP (F)	54	56	57	64	80	86	82	83	73	62	54	56	86	40
	MEAN MAX TEMP (F)	35	35	38	42	48	55	60	61	56	46	40	36	46	40
	MEAN TEMP (F)	31	31	33	37	44	50	55	55	50	41	35	31	41	40
	MEAN MIN TEMP (F)	26	26	27	32	38	44	49	49	44	35	30	26	36	40
	EXTRM MIN TEMP (F)	-16	-12	-6	7	20	30	37	36	26	10	0	-1	-16	40
	D/W TEMP GE 60 (F)	0	0	0	1	1	7	15	17	5	1	0	0	47	40
	D/W TEMP GE 50 (F)	#	1	1	2	11	23	30	31	28	9	1	1	138	40
	D/W TEMP LT 33 (F)	22	20	21	15	3	#	0	0	1	11	17	22	132	40
	D/W TEMP LT 10 (F)	2	2	1	#	0	0	0	0	0	0	1	1	7	40
	@ HEATING DEGREE DAYS	1026	997	1001	810	676	459	355	316	453	738	909	1097	8837	30
	@ COOLING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	30
	MEAN DEWPOINT TEMP (F)	26	25	28	29	37	44	49	49	44	32	27	27	35	10
	MEAN WET BULB TEMP (F)	30	30	33	34	41	47	52	52	47	37	32	32	39	10
	99.95% WCPA (FT)	1950	1900	1350	1350	950	950	600	800	1150	1450	1750	1900	1500	10
	MEAN REL HUM 07 LST(%)	78.8	77.7	77.4	76.5	81.9	86.4	87.9	87.5	85.9	77.6	77.2	78.0	81.1	10
	MEAN REL HUM 13 LST(%)	74.9	70.2	68.4	65.9	72.6	79.9	77.7	74.6	72.1	63.6	69.6	74.9	72.0	10
	MAX 24HR PRECIP (IN)	3.20	3.00	1.87	1.71	3.63	3.75	3.01	2.95	2.64	3.85	2.47	4.16	4.16	40
	MAX PRECIP (IN)	15.77	12.43	9.94	6.65	12.67	16.88	10.21	11.13	12.60	14.53	15.36	19.82	87.25	40
	MEAN PRECIP (IN)	6.46	4.94	4.50	3.77	5.07	4.80	3.71	4.62	6.52	6.66	5.97	6.15	63.18	40
	MIN PRECIP (IN)	.24	1.41	.89	1.13	1.00	.70	.84	.65	1.20	1.56	.19	1.15	38.33	40
	D/W PRECIP GE .01 (IN)	17	16	17	15	18	15	15	15	17	16	17	17	195	40
	D/W PRECIP GT .50 (IN)	5	3	3	2	3	3	2	3	4	5	4	4	41	40
	MAX 24HR SNFL (IN)	12.0	13.1	17.8	11.2	4.0	#	0	0	.4	10.0	14.0	11.9	17.8	40
	MAX SNFL (IN)	40.1	38.8	74.5	34.8	6.0	#	0	0	.4	14.9	30.0	33.1	178.9	40
	MEAN SNFL (IN)	14.9	15.9	14.9	7.8	.5	#	0	0	#	2.3	6.3	11.4	74.2	40
	D/W SNFL GE .1 (IN)	8	9	9	6	1	0	0	0	#	1	4	7	45	40
	D/W SNFL GE 1.5 (IN)	3	4	3	2	#	0	0	0	0	1	1	2	16	40
	MAX DLY SNO DEPTH (IN)	22	28	35	25	4	0	0	0	0	9	11	17	35	40
	PRVING WND DIR (DEG)	29-31	29-31	29-31	29-31	29-31	08-10	29-31	29-31	29-31	29-31	29-31	29-31	29-31	10
	MEAN WND SPD (KTS)	12	12	11	11	10	10	8	8	9	11	11	11	10	10
	MAX WND SPD (KTS)	86	75	73	73	51	53	45	58	68	72	74	76	86	40
	SKY COVER GT 5/10 (%)	74.1	68.5	70.1	72.4	76.6	81.9	78.7	74.1	71.8	60.6	64.3	70.5	72.0	10
	D/W THUNDERSTORMS	0	0	#	0	#	#	#	#	0	0	0	#	#	40
	D/W FOG (VSBY LT 7 MI)	10	9	8	7	11	14	14	13	11	8	8	9	122	40
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE															
POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	54.6	47.3	48.5	42.4	47.5	49.3	41.7	35.4	33.9	28.8	39.1	44.5	42.7	10
	03 - 05	55.0	47.7	46.8	42.3	47.9	53.6	43.8	37.5	35.1	29.1	38.7	44.9	43.5	10
	06 - 08	52.5	46.6	46.1	41.9	48.9	54.4	44.5	36.0	34.7	29.5	39.6	46.3	43.4	10
	09 - 11	50.6	49.0	47.8	40.4	48.3	51.9	42.1	35.0	36.4	31.6	40.5	46.6	43.3	10
	12 - 14	50.0	49.3	46.4	44.5	46.4	51.1	41.2	35.3	34.4	30.1	38.7	47.1	42.9	10
	15 - 17	51.5	48.1	45.8	45.7	45.3	48.4	37.3	32.8	35.0	31.1	41.2	48.7	42.6	10
	18 - 20	53.7	45.6	48.4	45.6	43.8	45.8	37.3	31.7	37.0	32.4	41.2	49.3	42.6	10
	21 - 23	55.4	47.0	49.7	46.5	46.0	47.5	39.9	32.4	34.8	29.3	38.6	50.1	43.1	10
	ALL	52.9	47.6	47.4	43.7	46.8	50.3	41.0	34.5	35.2	30.2	39.7	47.2	43.0	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	28.8	24.1	25.4	17.4	19.7	26.5	21.3	18.4	15.5	10.6	16.3	22.2	20.5	10
	03 - 05	29.1	25.5	22.7	19.0	22.3	27.8	22.9	19.7	16.6	11.5	16.9	21.9	21.3	10
	06 - 08	28.4	24.3	23.9	18.2	22.5	28.2	25.3	18.2	15.2	10.4	16.7	23.4	21.2	10
	09 - 11	27.3	25.3	25.9	16.7	21.1	27.2	22.0	18.6	15.1	11.4	17.3	25.7	21.1	10
	12 - 14	26.2	25.7	23.1	15.2	18.5	23.8	16.3	13.8	13.3	10.4	16.5	22.8	18.8	10
	15 - 17	25.9	25.3	22.9	17.9	17.9	21.8	15.5	12.3	12.7	10.7	18.3	24.6	18.8	10
	18 - 20	27.0	23.9	24.7	17.3	17.0	22.5	17.5	14.0	13.2	10.6	15.8	24.6	19.0	10
	21 - 23	28.1	24.3	26.1	16.2	18.7	25.1	20.6	16.1	16.3	9.6	15.8	23.4	20.0	10
	ALL	27.6	24.8	24.3	17.3	19.7	25.4	20.2	16.4	14.7	10.7	16.7	23.6	20.1	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	18.8	15.8	17.1	8.7	12.4	18.2	15.2	14.1	9.8	5.6	8.8	11.2	13.0	10
	03 - 05	18.4	16.4	14.9	11.0	14.8	20.4	18.4	16.2	10.0	5.5	9.2	10.8	13.8	10
	06 - 08	16.9	15.0	15.3	10.8	14.9	18.2	18.7	14.5	9.0	5.5	9.1	13.4	13.4	10
	09 - 11	13.6	14.6	16.0	8.4	11.2	17.9	14.1	14.5	8.7	3.8	8.8	12.7	12.0	10
	12 - 14	12.3	13.6	12.0	7.1	10.8	14.9	12.2	10.2	7.8	3.9	7.2	12.2	10.3	10
	15 - 17	15.1	15.0	12.2	8.9	9.7	12.6	9.8	8.9	7.1	5.7	7.7	13.6	10.5	10
	18 - 20	14.1	12.9	15.0	8.4	10.3	15.2	11.6	10.3	9.5	5.1	8.0	13.3	11.1	10
	21 - 23	16.4	14.4	16.8	8.5	12.5	17.7	13.6	12.5	10.7	5.7	7.2	13.0	12.4	10
	ALL	15.7	14.7	14.9	9.0	12.1	16.9	14.2	12.6	9.1	5.1	8.3	12.5	12.1	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	.1	1.0	.2	.1	.4	.3	.7	1.3	.7	.3	.1	.2	.4	10
	03 - 05	.2	.6	.3	.0	.8	1.0	1.4	1.2	.6	.1	.1	.3	.5	10
	06 - 08	.8	.6	.7	.2	.9	.9	2.2	3.0	.6	.0	.3	.2	.9	10
	09 - 11	.9	1.0	1.2	.1	.2	1.1	1.1	2.0	.3	.0	.3	.4	.7	10
	12 - 14	.1	1.1	.8	.2	.0	.3	1.0	.6	.8	.0	.5	.4	.5	10
	15 - 17	.8	1.1	.5	.2	.2	.7	.8	.5	1.0	.1	.3	1.2	.6	10
	18 - 20	1.1	.5	.4	.3	.7	.3	.6	.9	.8	.0	.2	.6	.5	10
	21 - 23	.4	.7	.4	.0	.4	.3	.7	1.0	1.0	.1	.0	.0	.4	10
	ALL	.5	.8	.6	.2	.5	.6	1.0	1.3	.7	.1	.2	.4	.6	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : @ HEATING/COOLING DEGREE DAY DATA SUPPLEMENTED FROM:															
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